



286765

L0431200015-DuPage Co.

Wood Dale Drums

IID 984787994

SF/HRS

CERCLA

Preliminary

Assessment

Report



Illinois Environmental
Protection Agency

P.O. Box 19276,
Springfield, IL 62794-9276

RELEASED
DATE 9/12/96
RIN # 12324
INITIALS J.P.

Confidential Material May be Enclosed

EXECUTIVE SUMMARY
WOOD DALE DRUMS
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EXECUTIVE SUMMARY

1.0 INTRODUCTION

1.1 CERCLIS DISCOVERY

Wood Dale Drum (ILD 980677967) was placed on CERCLIS (Comprehensive Environmental Response, Compensation and Liability Information System) on July 3, 1990 by the Emergency Response Unit of U.S. EPA's Region V CERCLA Program as a result of a citizen complaint on June 21, 1990 to the Wood Dale Fire Department concerning the illegal overnight dumping of two 55-gallon drums on vacant property.

1.2 SITE LOCATION

Wood Dale Drum is an inactive site located near a barricade at the north end of River street in Wood Dale, DuPage County, Illinois. The nearest street address is a private residence at 607 River Street. The site is legally described as being a part of the north west quarter of section nine, Township forty North, Range eleven East, in DuPage county, Illinois, and consists of a small area of approximately 100 square feet.

2.0 HISTORY

2.1 SITE HISTORY

On June 21, 1990 a nearby resident reported to the Wood Dale Fire Department the presence of two 55-gallon steel drums at the end of River Street which were not present the day before. The Wood Dale Fire Department notified the Illinois Environmental Protection Agency who contacted the

U.S. Environmental Protection Agency. The U.S. EPA sent an On-Scene Coordinator and a Technical Assistance Team to the site on the evening of June 21, 1990. The site had earlier been secured by the Wood Dale Police Department with personnel and firemen from the Wood Dale and Bensonville Fire Departments standing by. The Technical Assistance Team (TAT) observed two unmarked drums in a pool of approximately 20 to 30 gallons of reddish-brown oily liquid which appeared to have leaked from the drums. The TAT noted that the liquid appeared to form a sludge or emulsion when it came in contact with water on the ground. The TAT monitored the air with a photoionization detector (HNU), combustible gas indicator (CGI), hydrogen cyanide (HCN) monitox, and radiation meter. The air monitoring did not indicate any readings over background. The pH of the liquid was found to be seven and a field test for polychlorinated biphenyl (PCB) was conducted by Illinois Environmental Protection Agency personnel. The PCB test did not indicate any positive results.

The USEPA used the Mini-Emergency Response Cleanup Services contractor MAECORP, Inc. for the drum removal and cleanup. They also began their activities on the evening of June 21, 1990, by overpacking the two drums, containerizing the spilled liquid and sludge, and collecting samples of the liquid and sludge material. On June 22, 1990, MAECORP completed the removal and cleanup activities and sent seven drums (consisting of two drums of liquid, four drums of contaminated pads, personal protective equipment and

visqueen and one empty drum) to the Wood Dale water treatment facility for temporary storage and security until the contents of the drums could be determined by laboratory analysis.

The analytical results of the samples indicated that the drum contents were non-hazardous but contained too high of an iron content for use at a fuel reclamation facility. The drum contents were then chemically fixated with portland cement and disposed of at Chemical Waste Managements CID facility in Chicago, Illinois as a special waste. The party responsible for the illegal dumping is unknown and has not been found.

The land where the drums were illegally dumped is currently owned by the LaSalle National Bank. The nearest residence is approximately 400 feet east of the drum site and uses water supplied by the city of Wood Dale. Residential well logs obtained from the Illinois State Geological Survey suggest that groundwater is typically obtained from the limestone aquifer which begins at approximately 80 feet below the surface. The nearest municipal well is located approximately 3,000 feet south of the site and is a 245 feet deep emergency well used by the city of Wood Dale on a temporary as needed basis.

2.2 REGULATORY HISTORY

The Wood Dale Drum site has never been a regulated site and hence has no regulatory or permit history.

3.0 RECONNAISSANCE

3.1 SITE RECONNAISSANCE VISIT

A site reconnaissance visit was conducted by the Illinois Environmental Protection Agency on July 14, 1992 with Robert Casper and Pete Sorensen representing the agency. During the visit the area in which the drums were discovered was checked to see if any other drums or substances were present but no evidence of illegal dumping of wastes was noted. The site is located near a barricade at the north end of River Street and the area is surrounded by woods on the north, west and south sides. There are private residences with acreage-sized lots to the east and southeast, with the nearest private residence being approximately 400 feet east of the site. No one was home in the adjacent residences and hence could not be interviewed. A red fire hydrant was located within 30 feet of where the drums were found. During the reconnaissance it was noted that the drainage from the site is towards the west into Salt Creek, located approximately 700 feet west. The woods adjacent to the site on the west appear to be part of the flood plain of Salt Creek. This woods was being cut and logged in the area south of the site and the clearing had advanced to within several hundred feet of the drum site at the time of the reconnaissance. The main species of trees being harvested were cottonwood and some silver maple. One of the workman stated that the area was being cleared so that a retention pond could be constructed by the city of Wood

Dale. During a drive around the area no private residences appeared to have private wells. Photographs were taken during the reconnaissance and are included in this report.

4.0 MIGRATION PATHWAYS

4.1 GEOLOGY

Wells in the area vary in depth from 80 feet to 1900 feet. The shallow wells use the Silurian Dolomite which lies beneath approximately 80 feet of till and clay but the aquifers utilized by the deeper wells include, in order of increasing depth, the Glenwood/St. Peter sandstone, the Ironston/Galesville formation and the Mt. Simon formation.

4.2 GROUNDWATER PATHWAY

Municipal wells were used almost exclusively for drinking by the towns in the area but has been replaced by surface water supplied from Lake Michigan, with the wells only being used for standby in case of an emergency. Interviews and phone conversations with water operators who supply water to people within a four mile radius of the site indicate that the following municipalities have switched from groundwater to surface water:

<u>Town</u>	<u>Water Source</u>
Addison	Lake water 100%. Four wells used only for standby.
Bensenville	Lake water 100%. Four wells used only for standby.
Elk Grove Village	Lake water 100%. Seven wells used

	only for standby.
Itasca	Lake water 100%. Four wells used for standby.
O'Hare Airport	Lake water supplied by Chicago.
Wood Dale	Lake water 100%. Six wells used only for standby.

Although the municipal wells are not used for drinking purposes the potential exists that they will be put in service during an emergency. The estimated population potentially using groundwater around the Wood Dale Drum site is:

<u>Distance (miles)</u>	<u>Potential Population</u>
0 to 1/4	0
>1/4 to 1/2	0
>1/2 to 1	5,804
>1 to 2	14,913
>2 to 3	23,776
>3 to 4	31,107

4.3 SURFACE WATER

The majority of water used in the area around Wood Dale Drum is supplied by surface water from Lake Michigan. Drainage from the site travels west into Salt Creek, which is located approximately 700 feet south. According to the July 30, 1982 Flood Insurance Rate Map for the City of Wood Dale the site lies within the 100 year flood plain. The entire 15

mile surface water route is in Salt Creek and no known drinking water intakes are located in the Creek. The population in a four mile radius of the site that uses surface water supplied from Lake Michigan is:

<u>Distance (miles)</u>	<u>Population</u>
Onsite	0
0 to 1/4	28
>1/4 to 1/2	104
>1/2 to 1	5356
>1 to 2	20842
>2 to 3	31638
>3 to 4	23555

The nearest documented wetlands from the site consists of approximately 35 acres of seasonally flooded broad-leaved deciduous forested palustrine wetlands located adjacent to the site on the west. Illinois Department of Conservation records indicate that there are no known sensitive areas located within a mile radius of the site nor along the 15-mile surface water pathway downstream. The wetland frontage along Salt Creek consists of approximately 6.3 miles. Wetlands within one-half mile of the site consists of:

<u>Distance (miles)</u>	<u>Number of acres</u>
Onsite	0
0 to 1/4	35

4.4 AIR PATHWAY

No air releases are known to have occurred due to activities at Wood Dale Drum. The estimated population potential for release in a 4-mile radius of the site is:

<u>Distance (miles)</u>	<u>Population</u>
Onsite	0
0 to 1/4	28
>1/4 to 1/2	104
>1/2 to 1	5356
>1 to 2	20842
>2 to 3	31638
>3 to 4	23555

4.5 SOIL EXPOSURE PATHWAY

Soil exposure is not believed to be a problem at the site since the material in the drums was found by chemical analysis to be non-hazardous. The site is not in a high traffic area since River Street is a dead end at the location where the drums were found and the main population of concern would consist of the nearby residents. The nearest private residence is located approximately 400 feet east. According to the Illinois Department of Conservation there are no sensitive terrestrial environments in the vicinity of the site.

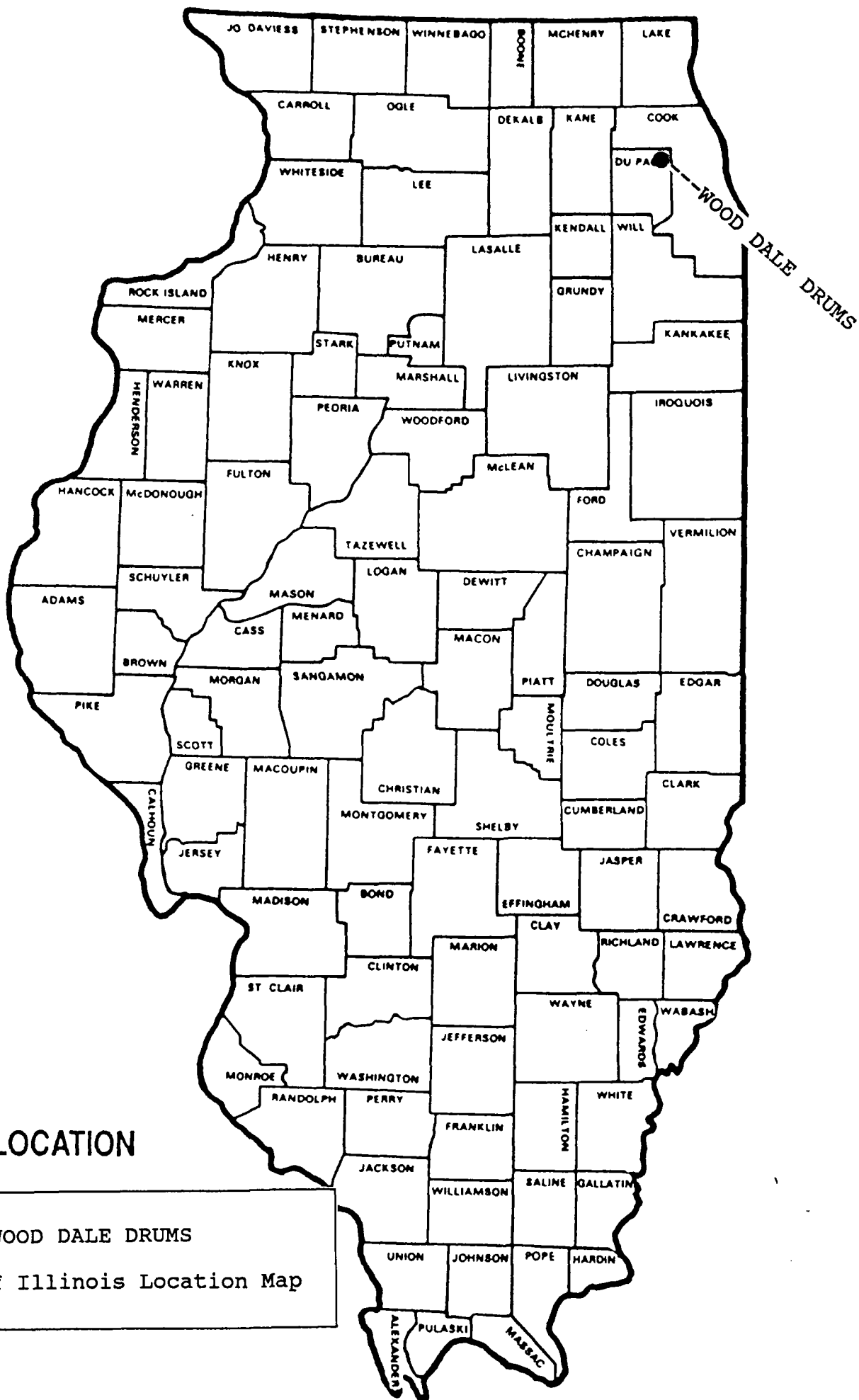
5.0 SUMMARY

5.1 CONCLUSIONS

The Wood Dale Drum site at River Road, Wood Dale, Ill. has had a known incident involving the illegal dumping of two drums that were removed and later found after laboratory analysis to contain non-hazardous material which were disposed of as a special waste. No contamination of the groundwater is believed to have occurred. The distance to surface water is approximately 700 feet and no drinking water intakes are known to exist along Salt Creek. The illegal dumping incident has had no adverse effects on wetlands or other sensitive environments. The site is located in a secluded area at the end of a dead end street and no danger from direct contact is believed to exist. No air releases have been documented at the site. Clean-up activities were conducted at the facility under the supervision of the U.S. Environmental Protection Agency and no contaminants are known to be present in the soil and/or groundwater.

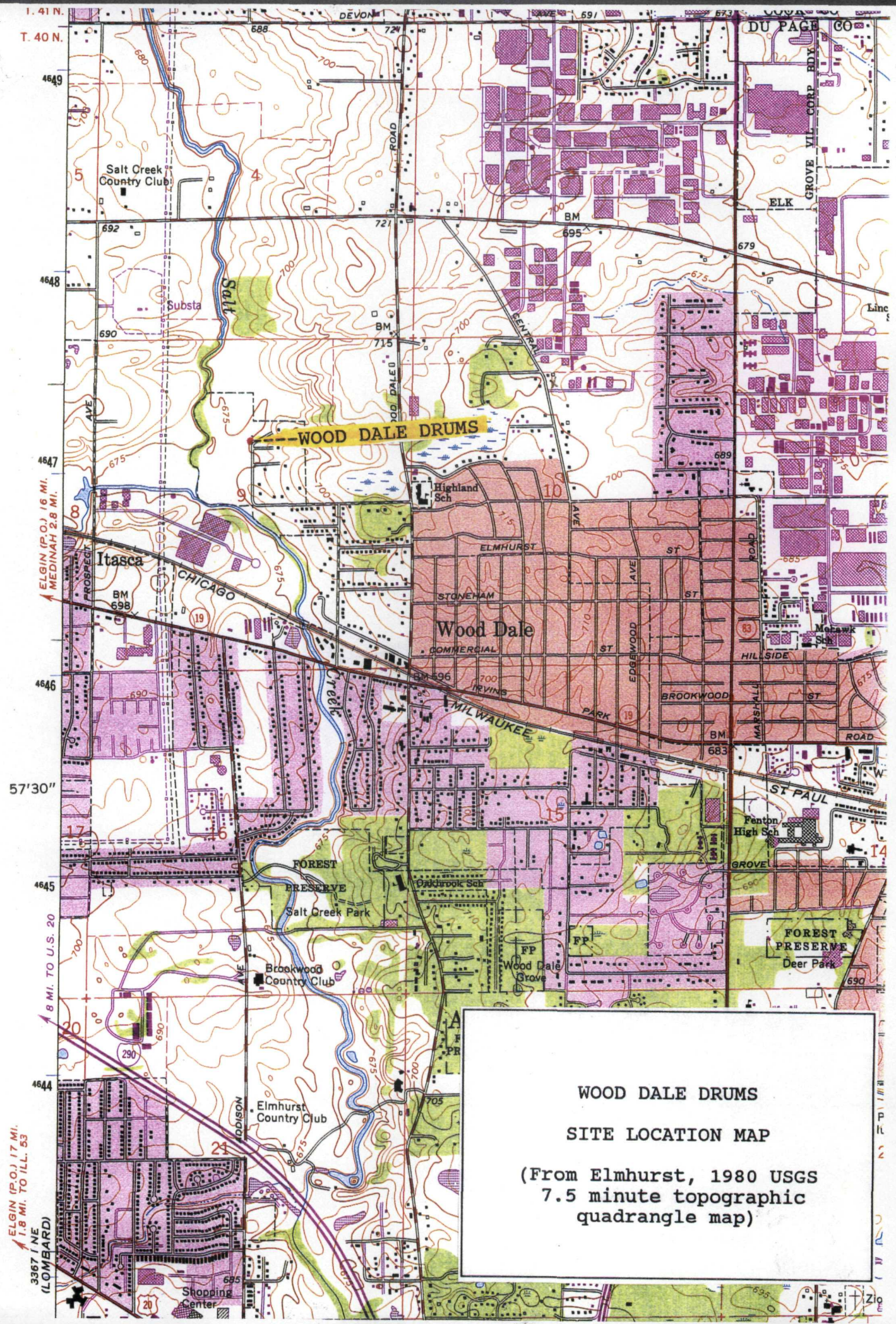
5.2 SITE PRIORITY RECOMMENDATION

Given the aforementioned site conditions the author recommends that the Wood Dale Drum site be given a No Further Remedial Action Planned (NFRAP) status rating and recommends that the Region V office of the USEPA terminate any further CERCLA investigatory action at this site.



SITE LOCATION

WOOD DALE DRUMS
State of Illinois Location Map



WOOD DALE DRUMS

SITE LOCATION MAP

(From Elmhurst, 1980 USGS
7.5 minute topographic
quadrangle map)

MH-88 10-576 200' 4-12-88

WOOD DALE DRUMS

AERIAL PHOTOGRAPH

Scale: 1 inch equals 200 feet

From: Illinois Department of Transportation
aerial photo taken on April 12, 1988.

WOODS

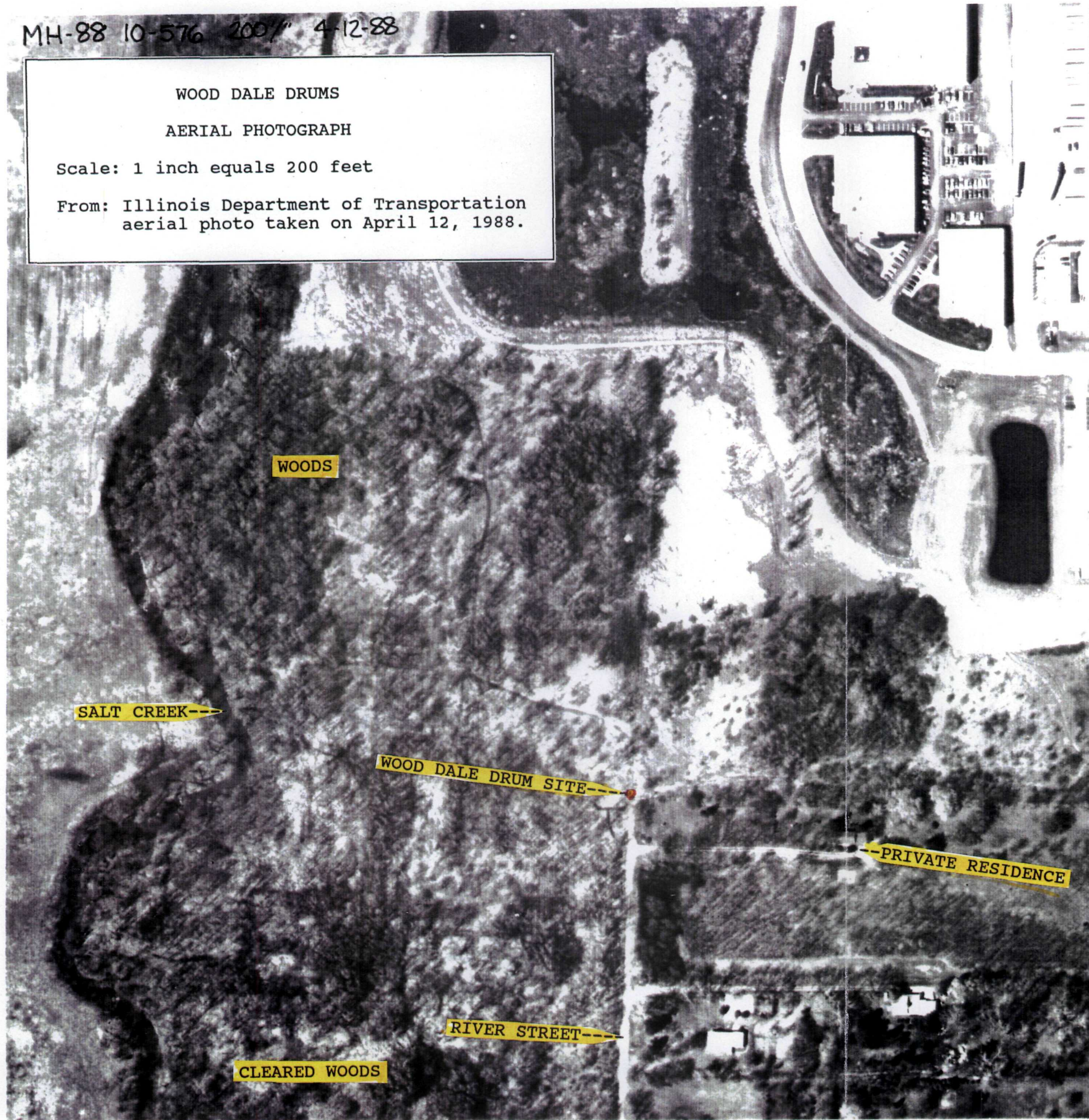
SALT CREEK-->

WOOD DALE DRUM SITE-->

--PRIVATE RESIDENCE

RIVER STREET-->

CLEARED WOODS



USEPA FORM 2050

WOOD DALE DRUMS

PA-Score 2.0 Scoresheets
Wood Dale Drums - 09/18/92

Page: 1

OMB Approval Number: 2050-0095
Approved for Use Through: 4/95

POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT FORM				IDENTIFICATION	
				State:	CERCLIS Number:
				IL	ILD980677967 184782774
				CERCLIS Discovery Date: 7/3/90	
1. General Site Information					
Name: Wood Dale Drums			Street Address: End of River Street		
City: Wood Dale	State: IL	Zip Code: 60191	County: DuPage	Co. Code: 011	Cong. Dist: 06
Latitude: 41 58' 27.7"	Longitude: 87 59' 19.2"	Approx. Area of Site: 100 sq feet	Status of Site: Not Specified		
2. Owner/Operator Information					
Owner: LaSalle National Bank			Operator: Not Applicable		
Street Address: 105 Marquette			Street Address:		
City: LaSalle			City:		
State: IL	Zip Code: 61301	Telephone: (815)-223-6303	State:	Zip Code:	Telephone:
Type of Ownership: Private			How Initially Identified: Citizen Complaint		

POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT FORM		IDENTIFICATION <hr/> State: IL CERCLIS Number: ILD980677967 924722922 <hr/> CERCLIS Discovery Date: 7/3/90	
3. Site Evaluator Information			
Name of Evaluator: Robert Casper		Agency/Organization: Illinois EPA	
		Date Prepared: 9/14/92	
Street Address: 2200 Churchill Road		City: Springfield	
		State: IL	
Name of EPA or State Agency Contact: Robert Casper		Telephone: (217)782-6761	
Street Address: 2200 Churchill Road		City: Springfield	
		State: IL	
4. Site Disposition (for EPA use only)			
Emergency Response/Removal Assessment Recommendation: No		CERCLIS Recommendation: NFRAP	
Date:		Date:	
		Signature: Name: Position:	

POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT FORM	IDENTIFICATION	
	State: IL	CERCLIS Number: ILD980677967 984787994
	CERCLIS Discovery Date: 7/3/90	

5. General Site Characteristics

Predominant Land Uses Within 1 Mile of Site: Industrial Commercial Residential Forest/Fields	Site Setting: Suburban	Years of Operation: Beginning Year: 0 Ending Year: 0 X Unknown
Type of Site Operations: Other: 2-55 gallon drums illegally dumped	Waste Generated: Offsite	
	Waste Deposition Authorized By: Unauthorized	
	Waste Accessible to the Public No	
	Distance to Nearest Dwelling, School, or Workplace: 400 Feet	

6. Waste Characteristics Information

Source Type Drums	Quantity 2.00e+00 drums	Tier V	General Types of Waste: Other: Non-hazardous wastes
Tier Legend C = Constituent W = Wastestream V = Volume A = Area			Physical State of Waste as Deposited Liquid Sludge

POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT FORM		IDENTIFICATION <hr/> State: IL CERCLIS Number: ILD980677967 784202224 <hr/> CERCLIS Discovery Date: 7/3/90	
7. Ground Water Pathway			
Is Ground Water Used for Drinking Water Within 4 Miles: Yes	Is There a Suspected Release to Ground Water: No	List Secondary Target Population Served by Ground Water Withdrawn From:	
Type of Ground Water Wells Within 4 Miles: Municipal Private	Have Primary Target Drinking Water Wells Been Identified: No	0 - 1/4 Mile	0
		>1/4 - 1/2 Mile	0
		>1/2 - 1 Mile	0
Depth to Shallowest Aquifer: 80 Feet		>1 - 2 Miles	0
		>2 - 3 Miles	0
Karst Terrain/Aquifer Present: No	Nearest Designated Wellhead Protection Area: >0 - 4 Miles	>3 - 4 Miles	0
		Total	0

POTENTIAL HAZARDOUS

WASTE SITE

PRELIMINARY ASSESSMENT FORM

IDENTIFICATION

State: | CERCLIS Number:
IL | ILD980677967
~~224282994~~
CERCLIS Discovery Date:
7/3/90

8. Surface Water Pathway

Part 1 of 4

Type of Surface Water Draining
Site and 15 Miles Downstream:
Stream

Shortest Overland Distance From Any
Source to Surface Water:

700 Feet
0.1 Miles

Is there a Suspected Release to
Surface Water: No

Site is Located in:
>10 yr - 100 yr floodplai

8. Surface Water Pathway

Part 2 of 4

Drinking Water Intakes Along the Surface Water Migration Path: Yes

Have Primary Target Drinking Water Intakes Been Identified: No

Secondary Target Drinking Water Intakes:

Name	Water Body/Flow(cfs)	Population Served
None	minimal stream/ <10	0
	Total Within 15 Miles:	0

POTENTIAL HAZARDOUS

WASTE SITE

PRELIMINARY ASSESSMENT FORM

IDENTIFICATION

State:	CERCLIS Number:
IL	ILD980677967 22222222
CERCLIS Discovery Date:	
7/3/90	

8. Surface Water Pathway

Part 3 of 4

Fisheries Located Along the Surface Water Migration Path: Yes

Have Primary Target Fisheries Been Identified: No

Secondary Target Fisheries:

Fishery Name	Water Body Type/Flow(cfs)
Salt Creek	small-moderate stream/ 10-100

8. Surface Water Pathway

Part 4 of 4

Wetlands Located Along the Surface Water Migration Path? (y/n) Yes

Have Primary Target Wetlands Been Identified? (y/n) No

Secondary Target Wetlands:

Water Body/Flow(cfs)	Frontage(mi)
small-moderate stream/ 10-100	>4 to 8

Other Sensitive Environments Along the Surface Water Migration Path: No

Have Primary Target Sensitive Environments Been Identified: No

Secondary Target Sensitive Environments:

None

POTENTIAL HAZARDOUS

WASTE SITE

PRELIMINARY ASSESSMENT FORM

IDENTIFICATION

State: IL CERCLIS Number: ILD980677967
284787994
CERCLIS Discovery Date: 7/3/90

9. Soil Exposure Pathway

Are People Occupying Residences or
Attending School or Daycare on or
Within 200 Feet of Areas of Known
or Suspected Contamination: No

Number of Workers Onsite: None

Have Terrestrial Sensitive Environments Been Identified on or Within
200 Feet of Areas of Known or Suspected Contamination: No

10. Air Pathway

Total Population on or Within:
Onsite 0
0 - 1/4 Mile 28
>1/4 - 1/2 Mile 104
>1/2 - 1 Mile 5356
>1 - 2 Miles 20842
>2 - 3 Miles 31638
>3 - 4 Miles 23555
Total 81523

Is There a Suspected Release to Air: No

Wetlands Located
Within 4 Miles of the Site: Yes

Other Sensitive Environments Located
Within 4 Miles of the Site: No

Sensitive Environments Within 1/2 Mile of the Site:

Distance	Sensitive Environment Type/Wetlands Area(acres)
0 - 1/4	Wetlands (1 to 50 acres)
>1/4 - 1/2	Wetlands (1 to 50 acres)

SITE PHOTOGRAPHS

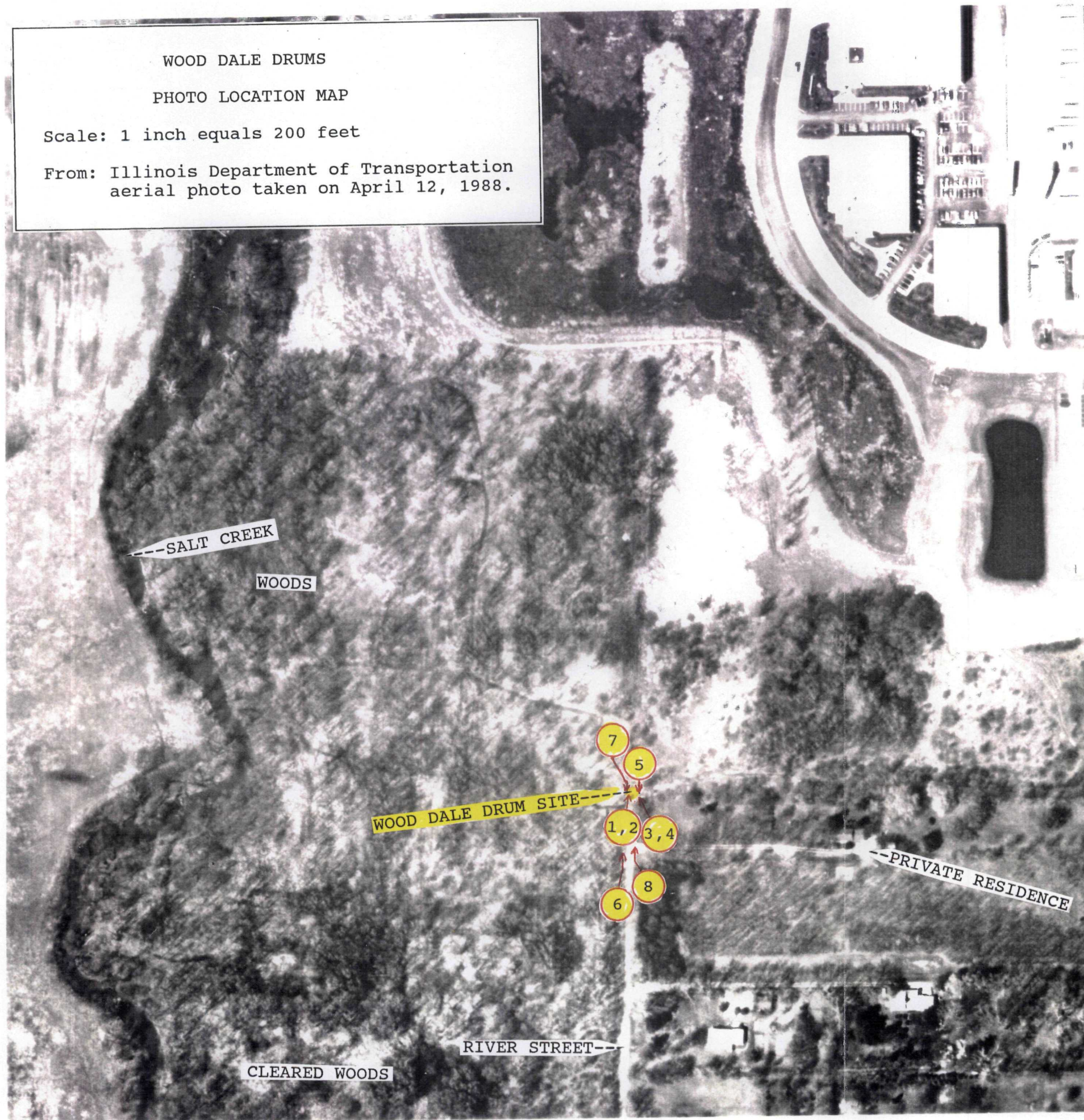
WOOD DALE DRUMS

WOOD DALE DRUMS

PHOTO LOCATION MAP

Scale: 1 inch equals 200 feet

From: Illinois Department of Transportation
aerial photo taken on April 12, 1988.



DATE: July 14, 1992

TIME: 11:20 AM

PHOTOGRAPH TAKEN BY:
Robert Casper

PHOTO NUMBER: 1,2

LOCATION: L 0431200015
DuPage County
Wood Dale Drums
ILD 980677967

PICTURE TAKEN TOWARD
the north.

The drums were discovered
approximately in the area
of the fire hydrant. The
barricade is at the end
of River Street.

DATE:

TIME:

PHOTOGRAPH TAKEN BY:

PHOTO NUMBER

LOCATION:

-

PICTURE TAKEN TOWARD



DATE: July 14, 1992

TIME: 11:22 AM

PHOTOGRAPH TAKEN BY:
Robert Casper

PHOTO NUMBER 3,4

LOCATION: L 0431200015
DuPage County
Wood Dale Drums
ILD 980677967

PICTURE TAKEN TOWARD
the northwest.

Photo of the drum area.
Salt Creek is located
approximately 700 feet
west of the site.

DATE:

TIME:

PHOTOGRAPH TAKEN BY:

PHOTO NUMBER

LOCATION:

PICTURE TAKEN TOWARD



DATE: July 14, 1992

TIME: 11:25 AM

PHOTOGRAPH TAKEN BY:
Robert Casper

PHOTO NUMBER 5

LOCATION: L 0431200015
DuPage County
Wood Dale Drums
ILD 980677967

PICTURE TAKEN TOWARD
the south.

Photo taken from the area
where the drums were
discovered. River street
is on the left.



DATE: July 14, 1992

TIME: 11:26 AM

PHOTOGRAPH TAKEN BY:
Robert Casper

PHOTO NUMBER 6

LOCATION: L 0431200015
DuPage County
Wood Dale Drums
ILD 980677967

PICTURE TAKEN TOWARD
the north.

Photo taken towards the
north along River Street,
Road at the lower right
is a private road that
leads to a house.



DATE: July 14, 1992

TIME: 11:30 AM

PHOTOGRAPH TAKEN BY:
Robert Casper

PHOTO NUMBER 7

LOCATION: L 0431200015
DuPage County
Wood Dale Drums
ILD 980677967

PICTURE TAKEN TOWARD
the south-southeast.

The woods to the right
are being cut and logged
several hundred feet
south of the site.



DATE: July 14, 1992

TIME: 11:35 AM

PHOTOGRAPH TAKEN BY:
Robert Casper

PHOTO NUMBER 8

LOCATION: L 0431200015
DuPage County
Wood Dale Drums
ILD 980677967

PICTURE TAKEN TOWARD
the north.

Photo showing the end of
River Street. Taken near
the driveway of the
private residence located
east of the site.



SDMS US EPA Region V

Imagery Insert Form

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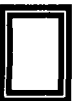


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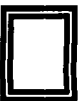
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4 MILE RADIUS MAP; 15 MILE SURFACE WATER MAP



Document is available at the EPA Region 5 Records Center.

Specify Type of Document(s) / Comments:

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4-MILE RADIUS MAP

WOOD DALE DRUMS

15-MILE SURFACE WATER MAP

WOOD DALE DRUMS

Supporting Documentation

Supporting Documents

Table of Contents

<u>Reference Number</u>	<u>Documentation</u>
1	Letter from Weston, Inc. to Duane Heaton of the USEPA Emergency Support Section concerning the Wood Dale Drum site. Dated September 30, 1990.
2	Memorandum from Steven J. Faryan, USEPA On-Scene Coordinator, to Robert J. Bowden, Chief of the USEPA Emergency and Enforcement Response Branch, concerning the Wood Dale Drum site. Dated February 4, 1991.
3	Region V Incident Notification Report of the Wood Dale Drum site incident. No date on report.
4	USEPA Region V, First and Final POLREP concerning the Wood Dale Drum site. Dated June 18, 1991.
5	Flood Insurance Rate Map, July 30, 1982 for the city of Wood Dale, Illinois. Federal Emergency Management Agency.
6	Illinois Department of Conservation. Review of Sensitive Environments letter of June 19, 1992 evaluating the Wood Dale Drum site.
7	Illinois Department of Public Health well construction reports/ Geological Water Survey well records for the Wood Dale Drum site area.
8	Illinois Environmental Protection Agency Site Reconnaissance visit of the Wood Dale Drum site on June 14, 1992.
9	State Water Survey 1991 Illinois Water Inventory Reports for Wood Dale and surrounding towns.

REFERENCE 1

Letter to the USEPA Emergency Support Section



River Center, 111 North Canal Street, 8th Floor, Suite 855,
Chicago, IL 60606 • (312) 993-1067 • FAX (312) 993-0226

TECHNICAL ASSISTANCE TEAM FOR EMERGENCY RESPONSE REMOVAL AND PREVENTION
EPA CONTRACT 68-01-7367

Mr. Duane Heaton
Deputy Project Officer
Emergency Support Section, 5 HS-12
U.S. Environmental Protection Agency
230 South Dearborn Street
Chicago, Illinois 60604

September 30, 1990

TAT-05-G2-02163

Re: Wood Dale Drums, Wood Dale, Illinois
TDD# 5-9006-20

Dear Mr. Heaton:

On June 22, 1990, the U.S. Environmental Protection Agency (U.S. EPA) tasked the Technical Assistance Team (TAT) to investigate the report of two abandoned drums in Wood Dale, Illinois. On-Scene Coordinator (OSC) Steve Faryan requested that a letter report be substituted for the formal report specified in the Technical Directive Document (TDD).

The city of Wood Dale, Du Page County, Illinois, is approximately twenty miles northwest of Chicago (Figure 1). On June 21, 1990, Ray Zuck, a resident of Wood Dale, notified the Wood Dale Fire Department that two unidentified 55-gallon steel drums had appeared overnight near his home on River Avenue (Figure 2). The Wood Dale Fire Department contacted the Illinois Environmental Protection Agency (IEPA), who in turn contacted the U.S. EPA.

TAT members Thomas Graan and James Papp, and OSC Faryan arrived at the site on June 21, 1990 at 1730 hours. The two drums were located at the north end of River Avenue, with wooded areas to the north, east, and southwest, and residences to the southeast. Salt Creek is approximately 50-100 feet west of the site. The site had been secured by the Wood Dale Police Department. Firemen and emergency medical services personnel from the Wood Dale and Bensenville Fire Departments were also present. The OSC and TAT observed two unmarked drums located in a pool of approximately 20 to 30 gallons of reddish-brown oily liquid, that had apparently spilled out of the drums. The liquid appeared to form a sludge, or an emulsion, when it came in contact with water on the ground. Air monitoring was conducted with a photoionization detector (HNU), combustible gas indicator (CGI), hydrogen cyanide (HCN) monitox, and radiation meter. Air monitoring revealed no readings above background. The pH of the liquid was 7. Ed Osowski of the IEPA arrived on site and provided polychlorinated biphenyl (PCB) field test kits. No positive results were obtained in the PCB field tests.

Roy F. Weston, Inc.

MAJOR PROGRAMS DIVISION

In Association with ICF Technology, Inc., C.C. Johnson & Malhotra, P.C., Resource Applications, Inc.,
and R.E. Sarriera Associates

RECEIVED
JUN 10 1991
EPA

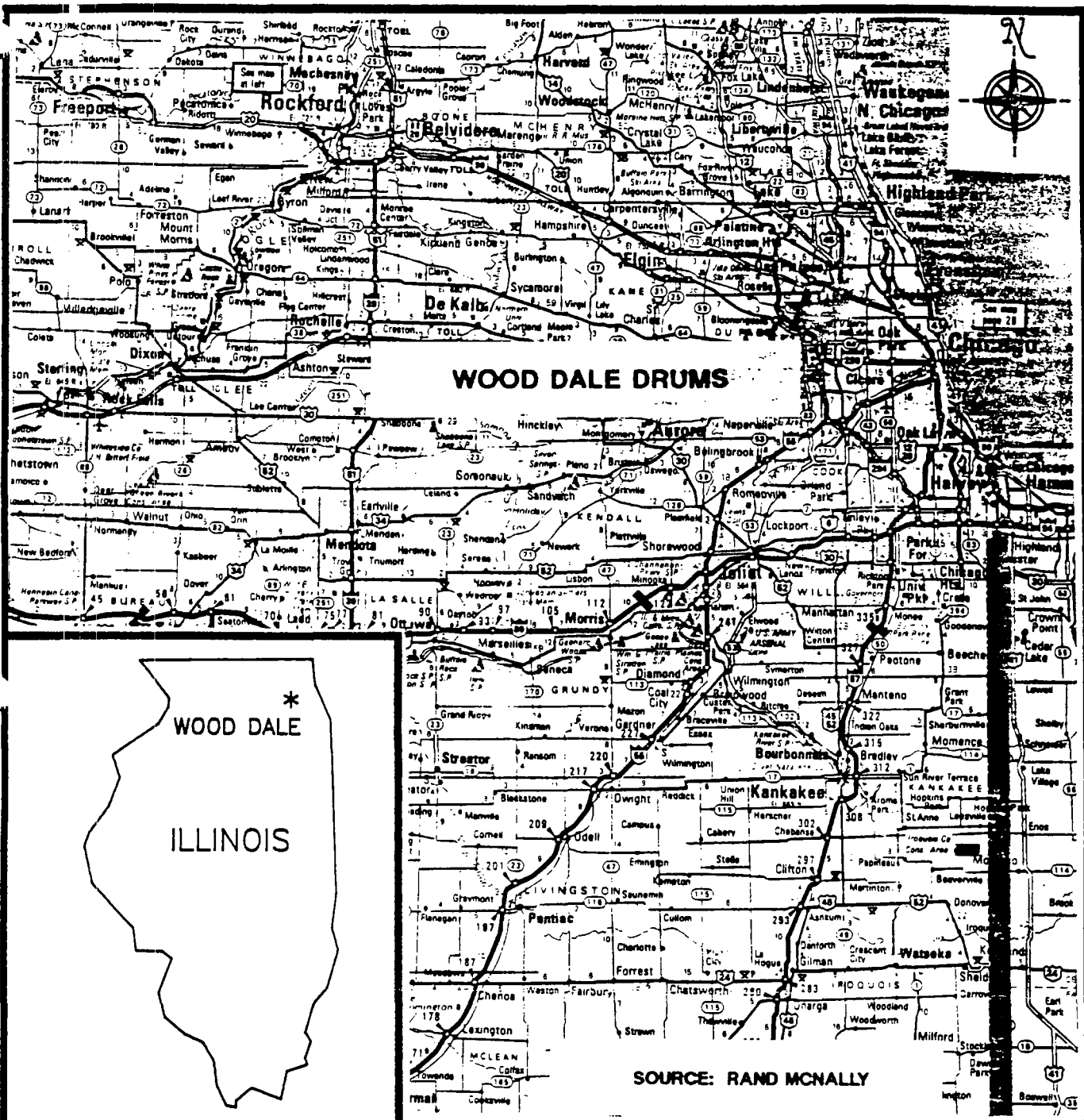


FIGURE 1
 SITE LOCATION MAP
 Wood Dale Drums
 Wood Dale, Illinois
 SCALE 1 INCH = 18.8 MILES

WESTON
 MANAGERS DESIGNERS/CONSULTANTS

MAJOR PROGRAMS DIVISION

REGION V TECHNICAL ASSISTANCE TEAM

DRAWN BY	DATE	PCS #
T.GRAAN	7-5-90	2787
APPROVED BY	DATE	TDD #
S.BOSKO	7-5-90	5-9006-20

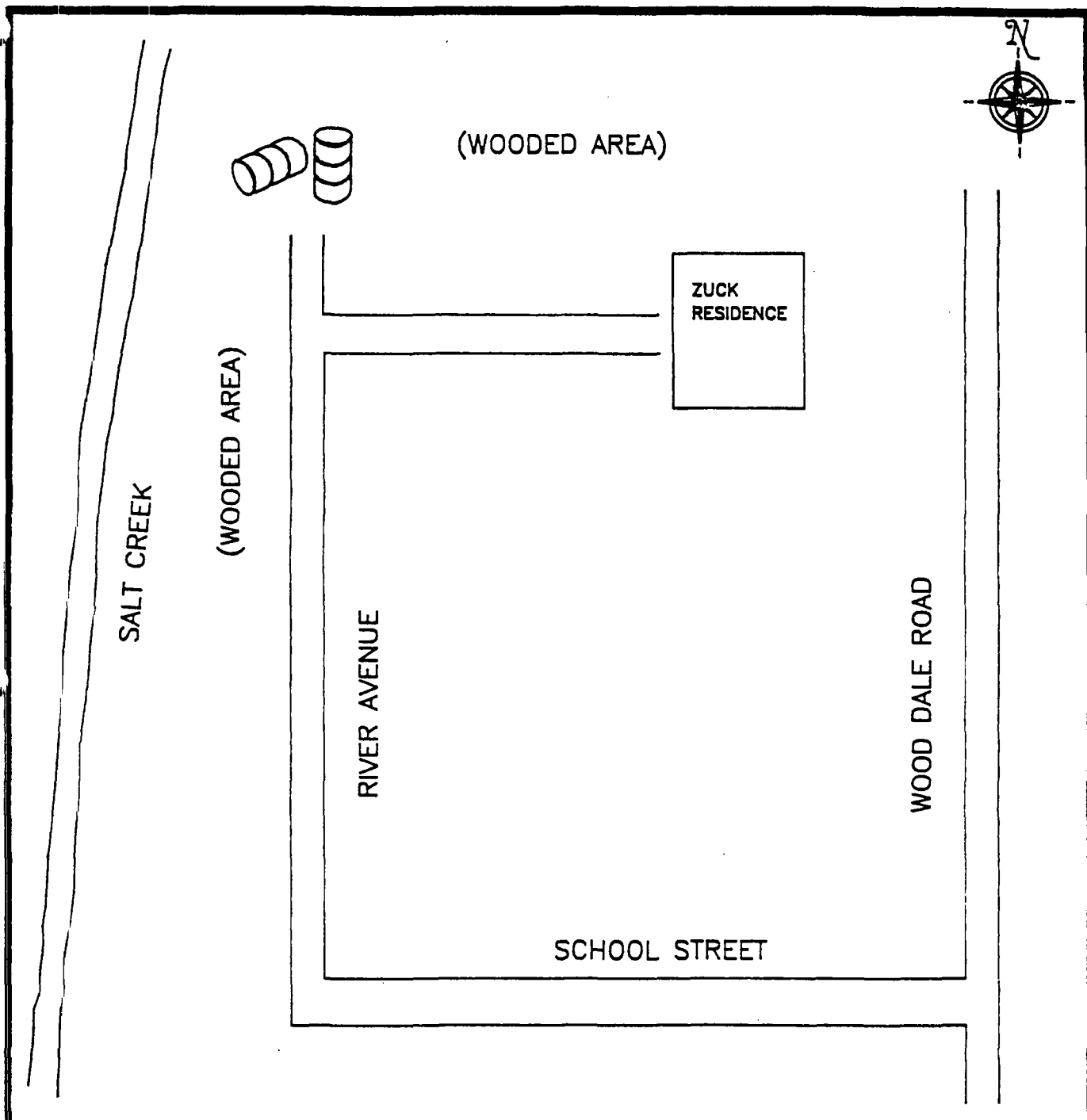


FIGURE 2

SITE MAP

Wood Dale Drums

Wood Dale, Illinois

NOT TO SCALE



MAJOR
PROGRAMS
DIVISION

REGION V TECHNICAL ASSISTANCE TEAM

DRAWN BY T.GRAAN	DATE 7-5-90	PCS # 2787
APPROVED BY S.BOSKO	DATE 7-5-90	TDD # 5-9006-20



Mr. Duane Heaton

-4-

September 30, 1990

The Mini-Emergency Response Cleanup Services (Mini-ERCS) contractor MAECORP, Incorporated (MAECORP) arrived at the site. MAECORP overpacked the two drums, containerized the spilled liquid and sludge, and collected samples of the liquid and sludge material. With the unknown material temporarily secured in overpack drums covered by visqueen, removal activities ended for the day. The site was monitored periodically overnight by the Wood Dale Police Department. On June 22, 1990 OSC Faryan, TAT, and MAECORP returned to the site. MAECORP collected residual spilled material with absorbent pads and loaded the seven drums (two drums of liquid, one empty drum, and four drums of contaminated pads, personal protective equipment, and visqueen) onto a box truck. The drums were then transported to Wood Dale's water treatment facility. MAECORP was directed to have the two oil samples analyzed for incineration parameters and Toxicity Characteristic Leaching Procedure (TCLP) metals. OSC Faryan requested 48 hour turnaround on the analytical tests. The city of Wood Dale would provide temporary storage and security until the analytical results were obtained. A total removal cost summary is presented in Table 1.

On June 28, 1990, MAECORP informed OSC Faryan that the analytical results indicated that the materials were non-hazardous. At that point, OSC Faryan indicated that no further TAT involvement would be required. OSC Faryan planned to empty the drums into a rolloff box, crush the drums, and solidify all of the materials with mortar. The monolith would then be transported to a landfill and disposed of as special waste.

TABLE 1

SUMMARY OF TOTAL REMOVAL COSTS*
JUNE 21, 1990 - JUNE 22, 1990

WOOD DALE DRUMS, WOOD DALE, ILLINOIS

<u>ORGANIZATION</u>	<u>AMOUNT</u>
ERCS Contractor	\$3,771.35
U.S. EPA	
TAT (as of 8/24/90)	<u>1,231.30</u>
Total	

* Based on estimated costs from U.S. EPA forms 1900-55



Mr. Duane Heaton

-6-

September 30, 1990

Should you have any questions or require additional information, please feel free to contact us.

Very truly yours,

ROY F. WESTON, INC.

A handwritten signature in cursive script that reads "Thomas P. Graan".

Thomas P. Graan
Environmental Scientist

A handwritten signature in cursive script that reads "William R. Doyle".

William R. Doyle
Technical Assistance Team
Leader, Region V

TPG/ks

cc: S. Faryan, OSC

ATTACHMENT A

SITE PHOTOGRAPHS



PHOTO: 1
 SITE NAME: WOOD DALE DRUMS, WOOD DALE, ILLINOIS
 DESCRIPTION: MUNICIPAL FIRE FIGHTING, HAZMAT, AND EMERGENCY
 MEDICAL SERVICES EQUIPMENT AT THE SITE.
 DATE/TIME: 6-21-90 / 1735 HOURS
 PHOTOGRAPHER: T. GRAAN *TG*
 FILM: 35MM, ISO 200

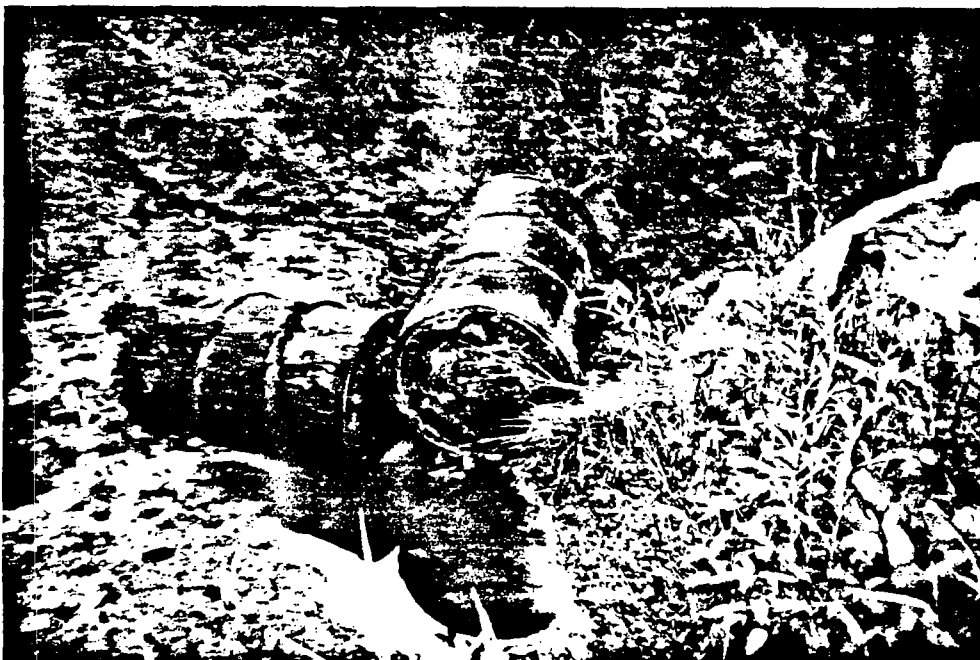


PHOTO: 2
 SITE NAME: WOOD DALE DRUMS, WOOD DALE, ILLINOIS
 DESCRIPTION: ABANDONED DRUMS.
 DATE/TIME: 6-21-90 / 1800 HOURS
 PHOTOGRAPHER: T. GRAAN *TG*
 FILM: 35MM, ISO 200

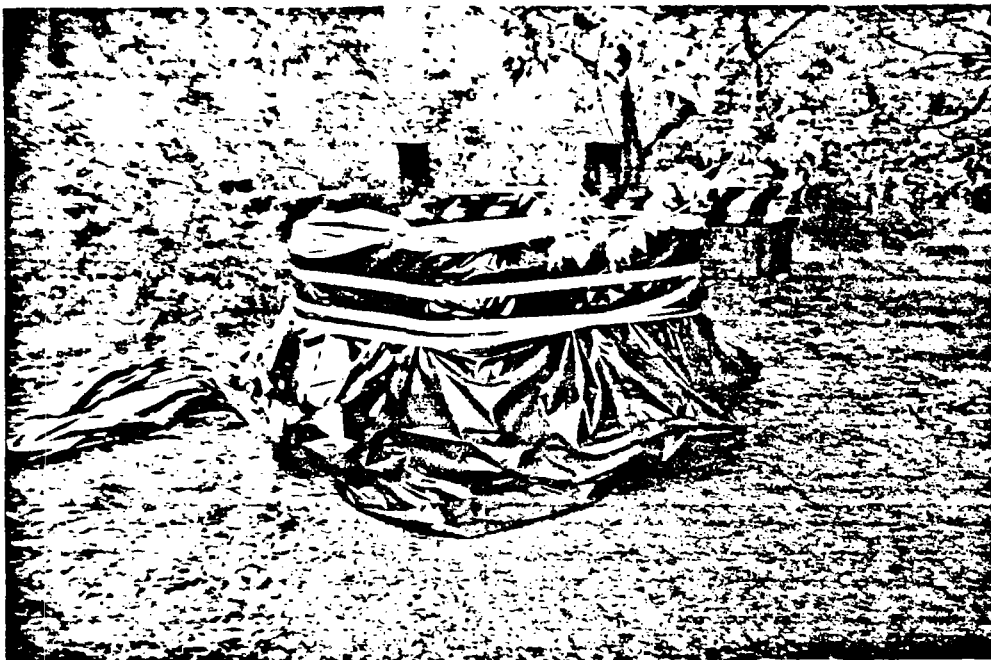


PHOTO: 5
 SITE NAME: WOOD DALE DRUMS, WOOD DALE, ILLINOIS
 DESCRIPTION: DRUMS COVERED FOR OVERNIGHT STORAGE ON RIVER
 AVENUE.
 DATE/TIME: 6-22-90 / 0810 HOURS
 PHOTOGRAPHER: T. GRAAN *TG*
 FILM: 35MM, ISO 200

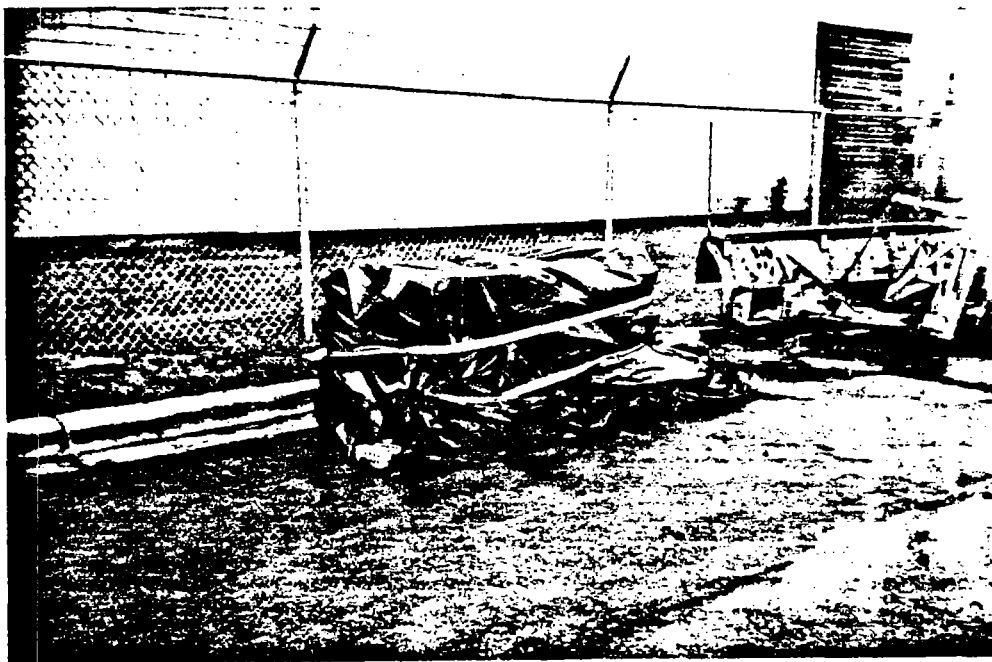


PHOTO: 6
 SITE NAME: WOOD DALE DRUMS, WOOD DALE, ILLINOIS
 DESCRIPTION: DRUMS COVERED FOR TEMPORARY STORAGE AT WATER
 TREATMENT FACILITY IN WOOD DALE.
 DATE/TIME: 6-22-90 / 1100 HOURS
 PHOTOGRAPHER: T. GRAAN *TG*
 FILM: 35MM, ISO 200

REFERENCE 2

Memo to the USEPA Emergency and Enforcement Response Branch



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
230 SOUTH DEARBORN ST.
CHICAGO, ILLINOIS 60604

REPLY TO ATTENTION OF:

5HS-12

MEMORANDUM

DATE: FEB 04 1991

SUBJECT: ACTION MEMORANDUM - Removal Request for the Wood Dale Drum Site, in Wood Dale, Illinois (Site ID # JO)

FROM: Steven J. Faryan, On-Scene Coordinator *Steven J. Faryan*
Emergency and Enforcement Response Branch - Section II

TO: Robert J. Bowden, Chief
Emergency and Enforcement Response Branch

PURPOSE

The purpose of this memorandum is to confirm your verbal authorization to expend up to \$10,000 in order to mitigate threats to public health and the environment stemming from the abandonment of three drums of suspected hazardous materials in Wood Dale, Illinois. This Action Memorandum also requests an additional \$10,000 increase in the ceiling to \$20,000 to cover additional disposal costs for the clean-up. The waste is currently awaiting disposal, and the project will be complete once disposal acceptance is received.

BACKGROUND

The U.S. EPA responded to this illegal dumping of drums in Wood Dale, Illinois on June 21, 1990. The Wood Dale Fire Department had requested U.S. EPA's assistance in disposing of the drums of suspected hazardous materials which had been illegally abandoned in a ditch at the end of River Road in Wood Dale. The U.S. EPA and Technical Assistance Team and Regional Emergency Response Clean-Up Services (ERCS) contractor Maecorp, arrived on-scene at 1730 hours and immediately donned level B personnel protection and conducted air monitoring and sampling of the drums.

Absorbent pads and booms were deployed to clean up the oil in the ditch and a sample of the drum was taken and screened for PCB's using the chlor-n-oil test kit. The screening test indicated no presence of PCB. The drums were analyzed for incineration parameters and for metals. The two drums were overpacked into 85 gallon drums and the absorbent booms and pads drummed along with visqueen and personnel protective gear.

The On-Scene Coordinator, TAT, and Maecorp returned the following day to clean-up contaminated soils and absorbent pads and to transport the drums to the Wood Dale waste water treatment plant for storage, until disposal arrangements could be made.

The waste analysis of the suspected hazardous materials indicated non-detectable levels of solvents. The drum analysis did indicate high levels of iron which caused rejection of the material at a fuel reclamation facility. Since the limited analysis showed no hazardous constituents, the material is being disposed as a special waste. The City of Wood Dale and IEPA do not have the resources to dispose of the material, and requested the U.S. EPA to remove the drums and overpacks due to them containing suspected hazardous materials.

THREATS

The abandonment of three drums of suspected hazardous materials in a ditch which leads to Salt Creek posed an imminent and substantial endangerment to public health and the environment. Approximately five residential homes exist on River Road where the drums were abandoned. The potential for direct human contact with the abandoned drums was very high since the area was unrestricted. The drums were laying on their side and leaking an unknown material into a ditch which feeds Salt Creek, creating a threat to the environment. The City of Wood Dale Fire Department and Illinois Environmental Protection Agency, specifically requested U.S. EPA assistance to alleviate these threats to human health and the environment. The City of Wood Dale and IEPA suspected the content of the drums to be a hazardous material that were illegally disposed of in the ditch.

RECEIVED

JUN 15 1992

IEPA/DLC

PROPOSED PROJECT AND COSTS

The three drums of waste, personnel protective gear, absorbent booms and pads have all been chemically fixated and placed in a 20 cubic yard roll-off box and are awaiting disposal. The drums and overpack drums have all been crushed and loaded into the roll-off box and will be disposed of with the fixated waste. As soon as this action memorandum is signed and disposal approval is given by the facility, then the waste will be transported to the facility for final disposal. This will close out the project.

EXTRAMURAL COSTS

Cleanup Contractor	\$ 9,500
Contingency (15%)	<u>1,500</u>
Subtotal	\$ 11,500
TAT\TES	<u>2,500</u>
Extramural Subtotal	\$ 13,500
Extramural Contingency	<u>\$ 2,000</u>
Total Extramural Costs:	\$ 15,000

INTRAMURAL COSTS

U.S. EPA Direct Costs [\$30 x (60 regional hours + 6 HQ hrs)	\$ 2,000
U.S. EPA Indirect Costs (\$53 x 60 regional hours)	<u>3,000</u>
Total, Intramural Costs	\$ 5,000

TOTAL REMOVAL PROJECT CEILING ESTIMATE	\$ 20,000
----------------------------------------	-----------

RECOMMENDATION

Because conditions at the Wood Dale Drum site in Wood Dale, Illinois, meet the National Contingency Plan, Section 300.415 criteria for a removal action. This decision is based on the Administrative record for the site (See Attachment III). Your approval of the requested funding is recommended. With your approval, the original \$ 10,000 verbal approval is authorized and an additional \$ 10,000 is requested, giving a total removal project ceiling of \$ 20,000 of which \$15,000 is available for extramural contractors. You may indicate your decision by signing below.

APPROVED:



CHIEF, EMERGENCY & ENFORCEMENT
RESPONSE BRANCH

DATE:

2/4/91

DISAPPROVED:

CHIEF, EMERGENCY & ENFORCEMENT
RESPONSE BRANCH

DATE:

ATTACHMENT I
DETAILED CLEANUP CONTRACTOR COST ESTIMATE

Labor	\$ 2,000
Equipment	3,000
Disposal	3,000
Analytical	1,500
Sub-total Cleanup Contractor	9,500
Contingency (15%)	<u>1,500</u>
Total Cleanup Contractor Estimate	\$11,000

ATTACHMENT II
CONFIDENTIAL ENFORCEMENT SECTION

No potentially responsible parties have been identified at this time. The drums of waste were illegally disposed of by an unknown party. No information is available from the local Fire Department or Police Department which identifies any potential responsible parties.

ATTACHMENT III
ADMINISTRATIVE RECORD
FOR
WOOD DALE DRUMS

Wood Dale, Illinois

September 20, 1990

<u>DATE</u>	<u>AUTHOR</u>	<u>RECIPIENT</u>	<u>TITLE/DESCRIPTION</u>	<u>PAGES</u>
9/00/90	S. Faryan	R. Bowden	Action Memo	6
6/28/90	Tenco Labs	MAECORP	Sampling Analysis	12
6/22/90	C. Brasher	R. Dumelle	ERCS Delivery	1
6/20/90 to 6/22/90	S. Faryan	U.S. EPA	Daily Log	5
6/20/90	Lora	U.S. EPA	Incident Report	1

REFERENCE 3

Region V Incident Notification Report

REGION V INCIDENT NOTIFICATION REPORT

Case No. 7

2. Reported: (mm/dd/yy)		3. Time:		4. Recorded By: <i>Dr. Linares</i>	
<input type="checkbox"/> Through NRC:		6. NRC Case No.:			
A. REPORTER	7. Reported By: <i>Lona</i>				
	8. Organization Name: <i>Wooddale Fire Dept</i>				
	Organization: <input type="checkbox"/> 9. Discharger <input type="checkbox"/> 10. Public <input type="checkbox"/> 11. State <input type="checkbox"/> 12. Local <input type="checkbox"/> 13. Federal				
	14. Address: <i>W W of Irving - School St. East on School Bank River</i>				
	15. City: <i>Wooddale</i>		16. County:		17. State: <i>IL</i>
	18. Zip:		19. Phone: <i>(708) 766-7191</i>		
B. DISCHARGER	20. <input type="checkbox"/> As Above in A if 9 applies <input type="checkbox"/> 21. Private Company <input type="checkbox"/> 22. Public <input type="checkbox"/> 23. Local <input type="checkbox"/> 24. State <input type="checkbox"/> 25. Federal				
	25. Discharger Name: <i>Div #1 Mac Bee</i>				32. Phone:
	27. Address: <i>Arlington Hts</i>				
	28. City:		29. County:		30. State: <i>IL</i> 31. Zip:
C. INCIDENT LOCATION	33. <input type="checkbox"/> As Above in B 34. Street or Approx. Location: <i>6017 River St.</i>				
	<i>628-3105 Non-Hwy 543-2331 543-67N</i>				
	35. City:		36. County:		37. State: <i>IL</i> 38. Zip:
D. DATE	39. Spill Date: (mm/dd/yy)				
	40. Spill Time:				
	41. Material <input type="checkbox"/> Unknown 42. Material Type: <input type="checkbox"/> H = Hazardous <input type="checkbox"/> X = Other <input type="checkbox"/> O = Oil Material				
	CHRIS Code UNV DOT No. CAS No. Quantity Released Units (Circle 1) > RQ				
	43. Material Type (Name): <i>Orange Liquid</i> 44. 45. 46. 47. <i>75 gal</i> 48. <i>lb. gal. oth</i> 49. <input type="checkbox"/>				
E. MATERIAL	50. <i>no smell or fumes</i> 51. 52. 53. 54. 55. <i>lb. gal. oth</i> 56. <input type="checkbox"/>				
	57. 58. 59. 60. 61. 62. <i>lb. gal. oth</i> 63. <input type="checkbox"/>				
	Source of Spill: <input type="checkbox"/> 64. Highway <input type="checkbox"/> 65. Railway <input type="checkbox"/> 66. Pipeline <input type="checkbox"/> 67. Fixed Facility <input type="checkbox"/> 68. Air Transport <input type="checkbox"/> 69. Vessel <input type="checkbox"/> 70. UST <input type="checkbox"/> 71. Offshore <input type="checkbox"/> 72. Unknown				
F. SOURCE	73. Description: <i>Leaking</i> 74. Vehicle ID or Carrier No.:				
G. MED.	Medium Affected: <input type="checkbox"/> 74. Air <input type="checkbox"/> 75. Land <input type="checkbox"/> 76. Water <input type="checkbox"/> 77. Groundwater <input type="checkbox"/> 78. Within Facility Only				
	79. Waterway Affected				
H. CAUSE	Reported Cause: <input type="checkbox"/> 80. Transportation Accident <input type="checkbox"/> 81. Equipment Failure <input type="checkbox"/> 82. Operational Error <input type="checkbox"/> 83. Natural Phenomenon <input type="checkbox"/> 84. Dumping <input type="checkbox"/> 85. Unknown <input type="checkbox"/> 86. Other				
	87. Description:				
I. DAMAGE	Damages: 88. No. of Injuries _____ 89. No. of Deaths _____ <input type="checkbox"/> 90. Property Damage > \$50,000				
	91. <input type="checkbox"/> Evacuation 92. Response Action Taken:				
J. ACT. IONS	<i>→ Steve Spill</i>				
K. NOTIFIED	Caller Has Notified: <input type="checkbox"/> 93. State/Local <input type="checkbox"/> 94. Discharger <input type="checkbox"/> 95. USCG <input type="checkbox"/> 96. Other <input type="checkbox"/> 97. Unknown				
	98. Agency Name:				
L. COMMENTS	99. Comments: <i>→ Hwy Mat</i>				
	100. Comments: <i>Bensenville Unit → 766-0755</i>				
	101. Comments: <i>Emergency 708-766-2121 → 108-350-3441</i>				
	102. Additional Information: <input type="checkbox"/> ()				
M. USE & EVALUATION	Responding Agency: S = State L = Local D = Discharger F = Federal E = EPA O = Other U = Unknown				
	103. Agency Name:		106. Responding Agency Code: <input type="checkbox"/>		
	104. Agency Name:		107. Responding Agency Code: <input type="checkbox"/>		
	105. Agency Name:		108. Responding Agency Code: <input type="checkbox"/>		

REGION V INCIDENT NOTIFICATION REPORT (continued)

M. RESPONSE & EVALUATION (CONTINUED)	109-111. Response Comments :
	112. Case Status Code: <input type="checkbox"/>
(O = Open, C = Closed)	

REGION V REGION-SPECIFIC REPORT

REGION-SPECIFIC INFORMATION	Referred To:	
	SDWA : <input type="checkbox"/>	Crim. Inv. : <input type="checkbox"/>
	RCRA : <input type="checkbox"/>	State : <input type="checkbox"/>
	Enforcement : <input type="checkbox"/>	Regional Counsel : <input type="checkbox"/>
	TSCA : <input type="checkbox"/>	Public Affairs : <input type="checkbox"/>

Case No. 788612-4550

050063

REFERENCE 4

USEPA Region V, First and Final POLREP

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

FIRST AND FINAL POLREP

I. HEADING

DATE: JUNE 18, 1991
FROM: STEVEN J. FARYAN
TO: STEPHEN LUFTIG, ERD (WH-548B)
SUBJECT: WOODDALE DRUM RELEASE
POLREP: FIRST AND FINAL

II. BACKGROUND

SITE NO. : 30
D.O. NO. : 7360-05-049
RESPONSE AUTHORITY: CERCLA
START DATE: JUNE 21, 1990
STATUS: ACTION MEMORANDUM APPROVED BY CHIEF EERB

III. INCIDENT INFORMATION

CLASSIC EMERGENCY RESPONSE WITH DISPOSAL OF THE OVERPACKED
DRUMS

IV. RESPONSE INFORMATION

1. EPA REGION V WAS CALLED BY THE WOOD DALE FIRE DEPARTMENT TO SAMPLE, CONTAIN, AND DISPOSE OF TWO ABANDONED DRUMS ON FIVER RD. IN WOOD DALE, IL. ON JUNE 21, 1990. THE USEPA REGION V MOBILIZED THE REGIONAL ERCS CONTRACTOR MAECORP TO SAMPLE, OVER PACK AND TRANSPORT THE DRUMS TO THE WOOD DALE SEWAGE TREATMENT PLANT UNTIL DISPOSAL COULD BE ARRANGED.

2. THE TWO DRUMS WERE OVERPACKED AND ONE ADDITIONAL DRUM OF PERSONNEL PROTECTIVE GEAR AND ABSORBENT PADS WAS GENERATED DURING THE CLEAN UP.

3. THE THREE DRUMS OF WASTE, PERSONNEL PROTECTIVE GEAR, ABSORBENT BOOMS AND PADS WERE CHEMICALLY FIXATED WITH PORTLAND CEMENT AND PLACED IN A ROLL-OFF BOX FOR DISPOSAL.

4. DISPOSAL WAS COMPLETED IN OCTOBER OF 1990 AT CHEMICAL WASTE MANagements CID FACILITY IN CHICAGO, ILLINOIS.

5. NO RESPONSIBLE PARTIES HAVE BEEN FOUND.

V. COST INFORMATION

CLEANUP CONTRACTOR	\$10,000
TAT	2,000
EPA	1,000
<hr/>	
TOTAL	\$13,000

ADDRESSES: BOB BOWDEN, EERB, (EPA 9538)
THERESE GIOIA, EERB, (EPA 9538)
TERRY JOHNSON, (EPA 5511)
JACQUELINE KLINE, ORC, (EPA 9525)

REFERENCE 5

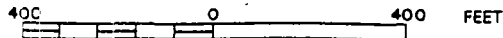
Flood Insurance Rate Map

structures in the zones where elevations or depths have been established.

To determine if flood insurance is available in this community, contact your insurance agent, or call the National Flood Insurance Program, at (800) 638-6620.



APPROXIMATE SCALE



NATIONAL FLOOD INSURANCE PROGRAM

FIRM FLOOD INSURANCE RATE MAP

CITY OF
WOOD DALE,
ILLINOIS
DUPAGE COUNTY

PANEL 1 OF 2

(SEE MAP INDEX FOR PANELS NOT PRINTED)

COMMUNITY-PANEL NUMBER

170224 0001 C

MAP REVISED:

JULY 30, 1982



Federal Emergency Management Agency

KEY TO MAP

500-Year Flood Boundary —————

100-Year Flood Boundary —————

Zone Designations*

100-Year Flood Boundary —————

500-Year Flood Boundary —————

Base Flood Elevation Line
With Elevation In Feet**

Base Flood Elevation in Feet
Where Uniform Within Zone**

Elevation Reference Mark

Zone D Boundary —————

River Mile

•M1.5

**Referenced to the National Geodetic Vertical Datum of 1929

*EXPLANATION OF ZONE DESIGNATIONS

ZONE	EXPLANATION
A	Areas of 100-year flood; base flood elevations and flood hazard factors not determined.
A0	Areas of 100-year shallow flooding where depths are between one (1) and three (3) feet; average depths of inundation are shown, but no flood hazard factors are determined.
AH	Areas of 100-year shallow flooding where depths are between one (1) and three (3) feet; base flood elevations are shown, but no flood hazard factors are determined.
A1-A30	Areas of 100-year flood; base flood elevations and flood hazard factors determined.
A99	Areas of 100-year flood to be protected by flood protection system under construction; base flood elevations and flood hazard factors not determined.
B	Areas between limits of the 100-year flood and 500-year flood; or certain areas subject to 100-year flooding with average depths less than one (1) foot or where the contributing drainage area is less than one square mile; or areas protected by levees from the base flood. (Medium shading)
C	Areas of minimal flooding. (No shading)
D	Areas of undetermined, but possible, flood hazards.
V	Areas of 100-year coastal flood with velocity (wave action); base flood elevations and flood hazard factors not determined.
V1-V30	Areas of 100-year coastal flood with velocity (wave action); base flood elevations and flood hazard factors determined.

NOTES TO USER

Certain areas not in the special flood hazard areas (zones A and V) may be protected by flood control structures.

This map is for flood insurance purposes only; it does not necessarily show all areas subject to flooding in the community or all planimetric features outside special flood hazard areas.

For adjoining map panels, see separately printed Map Index.

INITIAL IDENTIFICATION:

MARCH 5, 1976

FLOOD HAZARD BOUNDARY MAP REVISIONS:

ZONE A4
7/30/82

SALT

LIMITS

CORPORATE

WOOD DALE DRUMS

DRIVE

ZONE A4
9/30/77

ZONE C

ZONE B

SALT

SCHOOL

ORCHARD

ZONE A4
(EL 681)
7/30/82

MILWAUKEE
ST. PAUL

AND

ZONE C

PACIFIC

RAILROAD

ZONE A4
7/30/82

ZONE A4
9/30/77

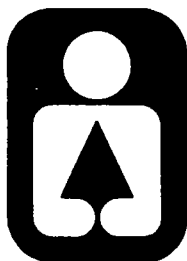
Du Page County
(AREA NOT INCLUDED)

CREEK

REFERENCE 6

Illinois Department of Conservation Review of Sensitive
Environments for the Wood Dale Drum Site.

Illinois



Department of Conservation

life and land together

Brent Manning
Director

John W. Comerio
Deputy Director

Bruce F. Clay
Assistant Director

LINCOLN TOWER PLAZA • 524 SOUTH SECOND STREET • SPRINGFIELD 62701-1787
CHICAGO OFFICE • ROOM 4-300 • 100 WEST RANDOLPH 60601

June 19, 1992

Mr. Robert Casper
LPC/RPMS
Illinois Environmental Protection Agency
P.O. Box 19276
Springfield, IL 62794-9276

Re: Wood Dale Drums
Wood Dale, DuPage Co.
#980677967

Dear Mr. Casper:

Per your June 8, 1992 request, the Department has reviewed the above noted CERCLIS Project and has determined that there are no "sensitive resources" (sensitive areas form attached) on site or in the 1/4, 1/2 or 1 mile radius of the site or along the 15 mile waterpath.

Thank you for the opportunity to comment.

Sincerely,

Richard W. Lutz, Supervisor
Division of Impact Analysis

RWL:mip

Attachment - sensitive areas form

DEPARTMENT OF CONSERVATION IDENTIFICATION OF
ENVIRONMENTAL SENSITIVE AREAS

Wood Drake Drums
980677967

— 5 ALONE / 1/2 MILE

TARGET DISTANCE CATEGORIES

SENSITIVE ENVIRONMENTS	On-site	0-1/4 mile	1/4-1/2 mile	stream mileage
I. Critical habitat for Federally designated or proposed endangered or threatened species	—	—	—	—
II. Habitat known to be used by Federally designated or proposed endangered or threatened species	—	—	—	—
III. State wildlife refuge	—	—	—	—
IV. Spawning areas critical for the maintenance of fish/shellfish species within a river system	—	—	—	—
V. Terrestrial areas utilized by large or dense aggregations of vertebrate animals for breeding	—	—	—	—
VI. Habitat known to be used by State designated or threatened species	—	—	—	—
VII. Habitat known to be used by a species under review as to its Federal endangered or threatened status	—	—	—	—
VIII. State lands designated for wildlife or game management	—	—	—	—
IX. State designated natural area	—	—	—	—
X. Particular areas, relatively small in size, important to the maintenance of unique biotic communities	—	—	—	—

If any of the sensitive areas identified above exist within the designated target distance limits, please put an "X" in the appropriate column.

REFERENCE 7

Well Logs

White Copy -
Ill. Dep. of Public Health
Yellow Copy - Well Contractor
Blue Copy - Well Owner

INSTRUCTIONS TO DRILLER

FILL IN ALL PERTINENT INFORMATION REQUESTED AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH, CONSUMER HEALTH PROTECTION, 535 WEST JEFFERSON, SPRINGFIELD, ILLINOIS, 62761. DO NOT DETACH GEOLOGICAL/WATER SURVEYS SECTION. BE SURE TO PROVIDE PROPER WELL LOCATION.

ILLINOIS DEPARTMENT OF PUBLIC HEALTH WELL CONSTRUCTION REPORT

1. Type of Well

- a. Dug ☐ Bored ☐ Hole Diam. 5" in. Depth 160 ft.
Curb material ☐ Buried Slab: Yes ☐ No ☐
- b. Driven ☐ Drive Pipe Diam. ☐ in. Depth ☐ ft.
- c. Drilled ☒ Finished in Drift ☐ In Rock ☒
Tubular ☐ Gravel Packed ☐
- d. Grout:

(KIND)	FROM (FT.)	TO (FT.)
cuttings	0	101

2. Distance to Nearest:

Building ☐ Ft. Seepage Tile Field 75
Cess Pool ☐ Sewer (non Cast iron) ☐
Privy ☐ Sewer (Cast iron) ☐
Septic Tank 50 Barnyard ☐
Leaching Pit ☐ Manure Pile ☐

3. Well furnishes water for human consumption? Yes ☒ No ☐

4. Date well completed 9-21-87

5. Permanent Pump Installed? Yes ☒ Date 9-21-87 No ☐ 3/4 HP
Manufacturer Della Type Sub Location well
Capacity 12 gpm. Depth of Setting 100 Ft.

6. Well Top Sealed? Yes ☒ No ☐ Type well cap

7. Pitless Adapter Installed? Yes ☒ No ☐
Manufacturer Williams Model Number BSCACS
How attached to casing? Bolted

8. Well Disinfected? Yes ☒ No ☐

9. Pump and Equipment Disinfected? Yes ☒ No ☐

10. Pressure Tank Size 120 gal. Type Champion 110K50
Location Basement

11. Water Sample Submitted? Yes ☒ No ☐

REMARKS:

County #27721

GEOLOGICAL AND WATER SURVEYS WELL RECORD

10. Property owner King Custom Beds Well No. 86-711
Address 1294 Edgewood Ave Bensenville, Ill 60155
Driller Phil Kimerlin License No. 105-241 Bronig's
11. Permit No. 137911 Date 3-12-87 Melndick Terr.
12. Water from ROCK 13. County DuPage
Formation
at depth 101 to 160 ft. Sec. 3
14. Screen: Diam. ☐ in. Twp. 90N
Length: ☐ ft. Slot ☐ Rge. 11E
Elev. ☐

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

15. Casing and Liner Pipe

Diam. (in.)	Kind and Weight	From (Ft.)	To (Ft.)
<u>5"</u>	<u>Black - 15 LB</u>	<u>0</u>	<u>101</u>

SHOW
LOCATION IN
SECTION PLAT

Lot 13
Bronig's
Melndick Terr.
Subd. NE

16. Size Hole below casing: 4 3/4 in.

17. Static level 50 ft. below casing top which is 1 ft.
above ground level. Pumping level 75 ft. when pumping at 13
gpm for 3 hours.

18. FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
<u>Clay</u>	<u>0</u>	<u>75</u>
<u>Sand Gravel</u>	<u>75</u>	<u>25</u>
<u>Clay</u>	<u>25</u>	<u>98</u>
<u>Sand Gravel</u>	<u>98</u>	<u>101</u>
<u>ROCK</u>	<u>101</u>	<u>160</u>

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED Phil Kimerlin DATE 5-5-87

White Copy -
Ill. Dept. of Public Health
Yellow Copy - Well Contractor
Blue Copy - Well Owner

INSTRUCTIONS TO DRILLER

FILL IN ALL PERTINENT INFORMATION REQUESTED AND MAIL ORIGINAL TO STATE
DEPARTMENT OF PUBLIC HEALTH, CONSUMER HEALTH PROTECTION, 535 WEST
JEFFERSON, SPRINGFIELD, ILLINOIS, 62761. DO NOT DETACH GEOLOGICAL/WATER
SURVEYS SECTION. BE SURE TO PROVIDE PROPER WELL LOCATION.

ILLINOIS DEPARTMENT OF PUBLIC HEALTH WELL CONSTRUCTION REPORT

GEOLOGICAL AND WATER SURVEYS WELL RECORD

1. Type of Well

- a. Dug ☐ Bored ☐ Hole Diam. 5" in. Depth 100 ft.
Curb material ☐ Buried Slab: Yes ☐ No ☐
- b. Driven ☐ Drive Pipe Diam. ☐ in. Depth ☐ ft.
- c. Drilled ☒ Finished in Drift ☐ In Rock ☒
Tubular ☐ Gravel Packed ☐
- d. Grout: ☐

(KIND)	FROM (FL.)	TO (FL.)
collings	0	100

2. Distance to Nearest:

Building ☐ Ft. Seepage Tile Field 75
Cess Pool ☐ Sewer (non Cast iron) ☐
Privy ☐ Sewer (Cast iron) ☐
Septic Tank 50 Barnyard ☐
Leaching Pit ☐ Manure Pile ☐

3. Well furnishes water for human consumption? Yes ☒ No ☐

4. Date well completed 9-21-87

5. Permanent Pump Installed? Yes ☒ Date 9-21-87 No ☐ 3/4 HP

Manufacturer Delta Type Subm Location Well
Capacity 13 gpm. Depth of Setting 100 Ft.

6. Well Top Sealed? Yes ☒ No ☐ Type Well cap

7. Pitless Adapter Installed? Yes ☒ No ☐

Manufacturer Williams Model Number BSOACS
How attached to casing? Bolted

8. Well Disinfected? Yes ☒ No ☐

9. Pump and Equipment Disinfected? Yes ☒ No ☐

10. Pressure Tank Size 120 gal. Type Chapman Mark 50
Location Basement

11. Water Sample Submitted? Yes ☒ No ☐

REMARKS:

2/2/88

10. Property owner King Custom Bldgs Well No. 82-739
Address 451 Indian Hill Dr. Bensenville, IL 60155
Driller Phil Khierin License No. 103-891 Brannigan's
11. Permit No. 129912 Date 9-12-87 McKee & Tern
12. Water from Rock 13. County DePue
at depth 100 to 100 ft. Sec. 3
14. Screen: Diam. ☐ in. Twp. 40N
Length: ☐ ft. Slot ☐ Rge. R11E
Elev. ☐

15. Casing and Liner Pipe

Diam. (in.)	Kind and Weight	From (Fl.)	To (Fl.)
<u>5"</u>	<u>Black - 15 lbs</u>	<u>0</u>	<u>100</u>

SHOW
LOCATION IN
SECTION PLAT

21st 1st
Brannigan's
McKee & Tern
Subm. 1E

16. Size Hole below casing: 4 3/4 in.

17. Static level 50 ft. below casing top which is 1 ft.
above ground level. Pumping level 25 ft. when pumping at 13
gpm for 3 hours.

18. FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
<u>Clay</u>	<u>0</u>	<u>100</u>
<u>Sand Gravel</u>	<u>100</u>	<u>100</u>
<u>Rock</u>	<u>100</u>	<u>100</u>

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED Phil Khierin DATE 5-5-80

White Copy -
Ill. Dep. of Pub. Health
Yellow Copy - Well Contractor
Blue Copy - Well Owner

INSTRUCTIONS TO DRILLERS

FILL IN ALL PERTINENT INFORMATION REQUESTED AND MAIL ORIGINAL TO STATE
DEPARTMENT OF PUBLIC HEALTH, CONSUMER HEALTH PROTECTION, 535 WEST
JEFFERSON, SPRINGFIELD, ILLINOIS, 62761. DO NOT DETACH GEOLOGICAL/WATER
SURVEYS SECTION. BE SURE TO PROVIDE PROPER WELL LOCATION.

ILLINOIS DEPARTMENT OF PUBLIC HEALTH WELL CONSTRUCTION REPORT

1. Type of Well

- a. Dug ☐ Bored ☐ Hole Diam. 5 in. Depth 180 ft.
Curb material ☐ Buried Slab: Yes ☐ No ☒
b. Driven ☐ Drive Pipe Diam. 5 in. Depth 79 ft.
c. Drilled ☐ Finished in Drift ☐ In Rock ☒
Tubular ☐ Gravel Packed ☐
d. Grout:

(KIND)	FROM (FT.)	TO (FT.)

2. Distance to Nearest:

Building 26 Ft. Seepage Tile Field 85
Cess Pool ☐ Sewer (non Cast Iron) ☐
Privy ☐ Sewer (Cast Iron) 77
Septic Tank 75 Barnyard ☐
Leaching Pit ☐ Manure Pile ☐

3. Well furnishes water for human consumption? Yes ☒ No ☐

4. Date well completed 11/20/79

5. Permanent Pump Installed? Yes ☒ Date 1/5/80 No ☐

Manufacturer Sta-Rite Type Sub Location
Capacity 11 gpm. Depth of Setting 100 Ft.

6. Well Top Sealed? Yes ☒ No ☐ Type Water Tight Cap

7. Pitless Adapter Installed? Yes ☒ No ☐

Manufacturer Baker Monitor Model Number
How attached to casing? Clamp on type

8. Well Disinfected? Yes ☒ No ☐

9. Pump and Equipment Disinfected? Yes ☒ No ☐

10. Pressure Tank Size 82 gal. Type Con Air

Location Easement

11. Water Sample Submitted? Yes ☒ No ☐

REMARKS:

RECEIVED

MAY 14 1980

REGION 2A I.D.P.H.

GEOLOGICAL AND WATER SURVEYS WELL RECORD

10. Property owner JOHN MESSINA Well No. 1
Address 17 W. 34th Bryn Mauer Bensenville, Ill.
Driller J.R. STINNETT License No. 102-106

11. Permit No. 91577 Date 11/16/79

12. Water from Limestone 13. County DuPage

at depth to ft. Sec. 31a

14. Screen: Diam. in. Twp. 40N

Length: ft. Slot Rge. 11E

Elev.

15. Casing and Liner Pipe

Diam. (in.)	Kind and Weight	From (Ft.)	To (Ft.)
5"	Steel 15#	0	79

SHOW
LOCATION IN
SECTION PLAT
Lot 24 Brainerd's meadow Manor
subd. 1E5E5E

16. Size Hole below casing: 5 in.

17. Static level 35 ft. below casing top which is 8" ft.
above ground level. Pumping level 45 ft. when pumping at 150
gpm for 2 hours.

18. FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
Clay and broken rocks, gravel	18	18
Sandy clay, silty loam	48	66
Gravel, sandy mixture with rocks	10	76
Water bearing sand & gravel	3	79
Bedrock at 79 ft.		

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED J.R. Stinnett DATE May 8, 1980

White Copy -
Ill. Dep. of Public Health
Yellow Copy - Well Contractor
Blue Copy - Well Owner

INSTRUCTIONS TO D ERS

FILL IN ALL PERTINENT INFORMATION REQUESTED AND MAIL ORIGINAL TO STATE
DEPARTMENT OF PUBLIC HEALTH, CONSUMER HEALTH PROTECTION, 535 WEST
JEFFERSON, SPRINGFIELD, ILLINOIS, 62761. DO NOT DETACH GEOLOGICAL/WATER
SURVEYS SECTION. BE SURE TO PROVIDE PROPER WELL LOCATION.

ILLINOIS DEPARTMENT OF PUBLIC HEALTH WELL CONSTRUCTION REPORT

GEOLOGICAL AND WATER SURVEYS WELL RECORD

1. Type of Well

- a. Dug ☐ Bored ☐ Hole Diam. in. Depth ft.
Curb material Burled Slab: Yes ☐ No ☐
b. Driven ☐ Drive Pipe Diam. in. Depth ft.
c. Drilled ☒ Finished in Drift ☐ In Rock ☒
Tubular ☐ Gravel Packed ☐
d. Grout:

(KIND)	FROM (Ft.)	TO (Ft.)

2. Distance to Nearest:

Building 25 Ft. Seepage Tile Field 75
Cess Pool - Sewer (non Cast Iron) -
Privy - Sewer (Cast Iron) -
Septic Tank SV Barnyard -
Leaching Pit - Manure Pile -

3. Well furnishes water for human consumption? Yes ☒ No ☐

4. Date well completed 12-31-85

5. Permanent Pump Installed? Yes ☒ Date 1-17-85 No ☐

Manufacturer Grundfos Type sub Location well
Capacity - gpm. Depth of Setting SV Ft.

6. Well Top Sealed? Yes ☒ No ☐ Type rubber plug

7. Pitless Adapter Installed? Yes ☒ No ☐

Manufacturer Martinson Model Number -
How attached to casing? rubber compression

8. Well Disinfected? Yes ☒ No ☐

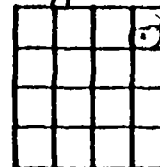
9. Pump and Equipment Disinfected? Yes ☒ No ☐

10. Pressure Tank Size - gal. Type 41X 203
Location basement

11. Water Sample Submitted? Yes ☒ No ☐

REMARKS:

10. Property owner Tom Kennedy Well No. -
Address 1360 Douglas Lane - Bensenville
Driller Patrick A. Libery License No. 102-1007-946
11. Permit No. 16197 Date 12-17-84
12. Water from limestone 13. County DuPage
at depth 103 to 158 ft. N/8 1/4 Sec. 3 1/4
14. Screen: Diam. - in. Twp. 40N
Length: - ft. Slot - Rge. 11E
Elev. -



15. Casing and Liner Pipe

Diam. (in.)	Kind and Weight	From (Ft.)	To (Ft.)
<u>5'</u>	<u>black</u>	<u>0</u>	<u>103</u>

SHOW LOCATION IN SECTION PLAT
lot #82, T14S, R10E, S1E
NE NE NE

16. Size Hole below casing: - in.
17. Static level - ft. below casing top which is - ft.
above ground level. Pumping level - ft. when pumping at -
gpm for - hours.

18. FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
<u>Top soil</u>	<u>2</u>	<u>2</u>
<u>Brown clay</u>	<u>13</u>	<u>15</u>
<u>Gray clay</u>	<u>55</u>	<u>70</u>
<u>Gray clay H.P.</u>	<u>30</u>	<u>100</u>
<u>Gravel</u>	<u>3</u>	<u>103</u>
<u>Limestone</u>	<u>55</u>	<u>158</u>

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED Patrick A. Libery DATE 4-23-85
(mn)

White Copy -
Ill. Dept. of Public Health
Yellow Copy - Well Contractor
Blue Copy - Well Owner

INSTRUCTIONS TO DRILLERS

FILL IN ALL PERTINENT INFORMATION REQUESTED AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH, ROOM 616, STATE OFFICE BUILDING, SPRINGFIELD, ILLINOIS, 62706. DO NOT DETACH GEOLOGICAL / WATER SURVEYS SECTION. BE SURE TO PROVIDE PROPER WELL LOCATION.

ILLINOIS DEPARTMENT OF PUBLIC HEALTH WELL CONSTRUCTION REPORT

1. Type of Well 29"
 a. Dug ☐ Bored ☐ Hole Diam. 29" in. Depth 1445 ft.
 Curb material ☐ Buried Slab: Yes ☐ No ☐
 b. Driven ☐ Drive Pipe Diam. 29" in. Depth 1445 ft.
 c. Drilled ☐ Finished in Drift ☐ In Rock ☒ X
 Tubular ☐ Gravel Packed ☐

d. Grout:

(KIND)	FROM (Ft.)	TO (Ft.)

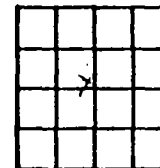
2. Distance to Nearest:
 Building Ft. Seepage Tile Field
 Cess Pool Sewer (non Cast iron)
 Privy Sewer (Cast iron)
 Septic Tank Barnyard
 Leaching Pit Manure Pile
3. Is water from this well to be used for human consumption?
 Yes ☐ No ☐
4. Date well completed 2-21-72
5. Permanent Pump Installed? Yes ☐ No ☒ X
 Manufacturer 100 hp. U.S. Sinter Type 110 gpm. pump
 Capacity gpm. Depth of setting 950' x 10' ft.
6. Well Top Sealed? Yes ☒ X No ☐
7. Pitless Adaptor Installed? Yes ☐ No ☐
8. Well Disinfected? Yes ☒ X No ☐
9. Water Sample Submitted? Yes ☒ X No ☐

REMARKS: Well was shot twice
1st shooting 367 lbs.
2nd shooting 248 lbs.

IDPH 4.065
10/68

GEOLOGICAL AND WATER SURVEYS WELL RECORD

10. Property owner Elk Grove Village Trammell Crow Well No. #8
 Address Elk Grove Village, Illinois
 Driller Wehling Well Works License No. 92-56
 11. Permit No. 11741 Date 2-23-71
 12. Water from Formation 13. County DaPage
 at depth to ft. Sec. 3.5e
 14. Screen: Diam. in. Twp. 4CN
 Length: 985 ft. Slot Rge. 11E
2115'S 65°W NE NWc Elev. 700'



15. Casing and Liner Pipe

Diam. (in.)	Kind and Weight	From (Ft.)	To (Ft.)
26		0	120
20	<u>cemented</u>	0	177

SHOW
LOCATION IN
SECTION PLAT

12" hole 477-1250
15" hole 1150-1445

16. Size Hole below casing: 15 1/2 in.
 17. Static level 665 ft. below casing top which is ft.
 above ground level. Pumping level 790 ft. when pumping at 1000
 gpm for 24 hours.

18. FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
Drift	87	87
Lime	23	110
Mud	5	115
Lime	130	245
Brown shale	3	248
Blue shale	66	314
Lime	22 53	367
Shale	100	467
Lime	222	689

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

(OVER)

SIGNED Wehling Well Works, Inc. DATE 2-23-71

26' 0 - 477', 15 1/2' 477 -

26' 0 - 477', 15 1/2' 477 -

Brown lime	3	692
Blue lime	9	701
Lime	99	800
Sand	100	900
Brown lime	7	907
Sand	78	985
Lime	13	998
Shale and lime	25	1023
Sandy	6	1029
Lime	36	1065
Lime and shale	21	1086
Lime	82	1168
Red rock	2	1170
Lime	5	1175
Lime and red rock	17	1192
Red rock	6	1198
Lime	22	1220
Gray shale	7	1227
Shale and lime	16	1243
Sandy lime	30	1273
Sand	161	1434
Lime sandy	2	1436
Lime shale	9	1445

Wehling Well Works (2)
Beecher, Illinois

E.P.A. (2)

Sasman (1)

Municipal Wells
in Northeast DuPage County

Bensenville

<u>Well No.</u>	<u>Location</u>	<u>Feet from Corner of Section</u>	<u>Depth (ft)</u>	<u>Capacity (GPM)</u>
1	DUP 40N11E-13.8e1	2530'S, 80'E, NW cor.	1445	Abandoned
2	DUP 40N11E-13.8e2	2555'S, 155'E, NW cor.	1442	500
3	DUP 40N11E-14.4e	2200'S, 2500'W, NE cor.	1445	900
4	DUP 40N11E-11.2b	670'N, 1175'W, SE cor.	1494	1120
5	DUP 40N11E-11.4e	2114'S, 2324'W, NE cor.	1450 (abandoned)	900
6	DUP 40N11E-26.2h <i>3h</i>	30'S, 1350'W, NE cor	1900	550
7	DUP 40N11E-11.4d	2340'N, 2340'W, SE cor.	1900	1180

Itasca

<u>Well No.</u>	<u>Location</u>	<u>Feet from Corner of Section</u>	<u>Depth (ft)</u>	<u>Capacity (GPM)</u>
3	DUP 40N11E-8.6e	2450'S, 1500'E, NW cor.	200	400
4	DUP 40N11E-8.7e1	2750'S, 1200'E, NW cor	216 Standby	200
5	DUP 40N11E-8.6c	1750'N, 1900'E, SW cor.	190	500
6	DUP 40N11E-8.5f2	2050'S, 2440'E, NW cor.	181 Capped	75
7	DUP 40N10E-1.3b	1206'N, 1624'W, SE cor.	219 Capped	100
8	DUP 40N10E-12.4h	500'S, 2140'W, NE cor.	151 <i>115</i>	620

Wood Dale

<u>Well No.</u>	<u>Location</u>	<u>Feet from Corner of Section</u>	<u>Depth (ft)</u>	<u>Capacity (GPM)</u>
1	DUP 40N11E-16.3e	2350'S, 1500'W, NE cor.	206.5	300
2	DUP 40N11E-9.3a	250'N, 1750'W, SE cor.	245	140
3	DUP 40N11E-16.7f	1500'S, 1000'E, NW cor.	197	525
5	DUP 40N11E-10.4h	500'S, 2500'W, NE cor.	1400	660
6	DUP 40N11E-17.2f	1980'S, 1200'W, NE cor.	190	950
7	DUP 40N11E-16.6g	875'S, 1480'E, NW cor.	1356	1150

REFERENCE 8

IEPA Site Reconnaissance Visit

SITE RECONNAISSANCE OF WOOD DALE DRUMS, WOOD DALE, IL.

A site reconnaissance visit was conducted by the Illinois Environmental Protection Agency on July 14, 1992 by Robert Casper and Pete Sorenson. During the visit the area in which the drums were discovered was checked to see if any other drums or substances were present but no evidence of illegal dumping of wastes was noted. The site is located near a barricade at the end of River Road and the area is surrounded by woods on the north, west and south sides. There are private residences with acreage-sized lots to the east and southeast, with the nearest private residence being approximately 400 feet east of the site. A red fire hydrant was located within 30 feet of where the drums were found and photographs were taken of the area. During the reconnaissance it was noted that the drainage from the site is towards the west into Salt Creek, located approximately 700 feet west. The woods adjacent to the site on the west appear to be part of the flood plain of Salt Creek. This woods was being cut and logged in the area south of the site and the clearing had advanced to within several hundred feet of the drum site at the time of the reconnaissance. The main species of trees being harvested were cottonwood and some silver maple. One of the workman stated that the area was being cleared so that a retention pond could be constructed by the city of Wood Dale. During a drive around the area no private residences appeared to have private wells. After leaving Wood Dale we

drove to the towns of Roselle and Bloomingdale to find out if they draw any water from inside the four mile radius of the site. Roselle now uses water from Lake Michigan for its water supply and has wells only used for emergency standby. No one was present at the water department who could locate the position of their municipal wells on a four mile radius topographic map that I brought along. A later visit to the Bloomingdale water department revealed that they also use water supplied from Lake Michigan and that none of their Municipal wells are located within the four mile radius of the site.

REFERENCE 9

State Water Survey 1991 Illinois Water Inventory Reports

**RECEIVED**

OCT 28 1991

Hydrology Division
2204 Griffith Drive
Champaign, Illinois 61820-7495
Telephone (217) 333-0239

We have records of the following wells/intakes.
Please correct inaccuracies and add missing information on this form.
Enter your water level information on back, if available.

PUBLIC WORKS

04390050 ADDISON
STEWART MCLEOD
WATER PLANT OPERATOR
249 S VILLA
ADDISON IL 60101

SIC Code: 4941
Name of person to contact:
John Chrysogelos
Title: Foreman
Phone: (708) 543-4100

WELL# OR SURFACE INTAKE#	STATUS	TWP RNG SEC	DEPTH	GALLONS PUMPED MAX DAILY	TOTAL ANNUAL
1	In Use	40N 11E 28.4F	155	0.813	200.607
2	Sealed	40N 11E 28.4F	115		
3	Sealed	40N 11E 28.3A	221		
4	In Use	40N 11E 33.7F	250	0.736	70.788
5	Sealed	40N 11E 20.2E	155		
6	Sealed	40N 11E 32.7H	67		
7	In Use	40N 11E 32.7H	85	1.141	203.516
8	In Use	40N 11E 32.7G	75	0.819	219.818

1. 1991 Total self-supplied pumpage

Gallons 1,359,242,200Gallons purchased N/AName of your supplier Village of Addison2. Do you sell water to another public water supply system? Yes No X3. Estimate population directly served inside corporate limits 32,100
(retail)outside corporate limits 3504. Number of residential services: 7,111Annual gallons: 861.631m5. Number of commercial services: 366
(non-manufacturing)Annual gallons: 107.972m6. Number of industrial services: 799
(manufacturing)Annual gallons: 256.039m

A Division of the

Illinois Department of Energy and Natural Resources



Hydrology Division

2204 Griffith Drive

Champaign, Illinois 61820-7495

Telephone (217) 333-0239

We have records of the following wells/intakes.
Please correct inaccuracies and add missing information on this form.
Enter your water level information on back, if available.

04394140 BENSENVILLE
DANIEL J. MCGLOON
WATER SUPERVISOR
735 E JEFFERSON STREET
BENSENVILLE IL 60106

SIC Code: 4941
Name of person to contact:
Daniel J. McGloob
Title: Water Supr.
Phone: (708)350-3494

WELL# OR SURFACE INTAKE#	STATUS	TWP RNG SEC	DEPTH	GALLONS PUMPED MAX DAILY	TOTAL ANNUAL
1	Sealed	40N 11E 13.8E	1445	---	---
2	Unused	40N 11E 13.8E	1442	---	---
3	In Use	40N 11E 14.4E	1445	1.440 MG	171.173 MG
4	In Use	40N 11E 11.2B	1494	1.428 MG	360.521 MG
5	Abandoned	40N 11E 11.4E	1450	---	---
6	In Use	40N 11E 26.3H	1900	1.280 MG	303.198 MG
7	In Use	40N 11E 11.4D	1900	1.361 MG	141.451 MG

1. 1991 Total self-supplied pumpage

Gallons 976,343,000

Gallons purchased _____ Name of your supplier _____

2. Do you sell water to another public water supply system? Yes ___ No X3. Estimate population directly served inside corporate limits 17,400
(retail)outside corporate limits 3214. Number of residential services: 4389Annual gallons: 417,518,0005. Number of commercial services: 311
(non-manufacturing)Annual gallons: 133,156,0006. Number of industrial services: 808
(manufacturing)Annual gallons: 386,164,000

RECEIVED DEC 17 1991

1991 ILLINOIS WATER INVENTORY PROGRAM

Illinois State Water Survey



COPY

We have records of the following wells/intakes.
Please correct inaccuracies and add missing information on this form.
Enter your water legal information on back, if available.

MAIL FILE ☒

ADDR CHECK ☒

DATA ENTRY ☐

CHECKED BY ☐

ESTIMATE ☐

PHONE DATA ☐

Hydrology Division

2204 Griffith Drive

Champaign, Illinois 61820-7495

Telephone (217) 333-0239

03194400 ELK GROVE VILLAGE
DALE W WOLTER
FOREMAN OF UTILITIES PUMPAGE
901 WELLINGTON AVENUE
ELK GROVE VILLAGE; IL60007

SIC Code: 4941

Name of person to contact:

Dale Wolter

Title: Foreman

Phone: (708)734-8047

WELL# OR SURFACE INTAKE#	STATUS	TWP RNG SEC	DEPTH	GALLONS PUMPED	
				MAX DAILY	TOTAL ANNUAL
1	Unused	41N 11E 21.1B	1415		-
2	Emergency	41N 11E 26.8A	1395		00
3	Unused	41N 11E 32.5G	1408		-
4	Sealed	41N 11E 27.6A	1416		-
5	Unused	41N 11E 33.7B	1403		-
6	Emergency	41N 11E 35.8F	1396		00
7	Unused	41N 10E 36.4G	1365		-
8	Emergency	40N 11E 03.5E	1445		00

1. 1991 Total self-supplied pumpage

Gallons 00

Northwest Sub. Municipal

Gallons purchased 2,568,304,000 Name of your supplier Joint Action Water Agency

2. Do you sell water to another public water supply system? Yes ☐ No ☒

3. Estimate population directly served inside corporate limits 33,400
(retail)

outside corporate limits 0

4. Number of residential services: 9,349

Annual gallons: 1,047,695,590

5. Number of commercial services:
(non-manufacturing)

Annual gallons:

6. Number of industrial services: 2,148
(manufacturing)

Annual gallons: 1,305,377,720

7. Municipal 38
TOTAL 11,535

24,912,570
2,377,985,880



A Division of the

Illinois Department of Energy and Natural Resources

During the last year have any of your wells had treatment or rehabilitation work to restore capacity, like surging, jetting, acidizing, shock chlorination, etc.?

Yes ___ No X if yes, please list which well numbers and type of treatments.

If there was a change from last year; please provide a copy of your water rate schedule and a map of your service area.

Well No.	Airline* Length	WATER LEVELS							
		Water Level Date	Nonpumping			Pumping			
			Hours Off	Gage** reading (ft)	Depth to water (ft)	Hours on	Gage** reading	Depth to water (ft)	Pumping rate (gpm)
1	1070'	Out of service							
2	982'	Air line broken							
3	1020'	Out of service							
4		Pulled and plugged							
5	1022'	Air line broken							
6	1050'	Air line broken							
7		Out of service							
8	1060'	Air line broken							

* Same as pump setting

** If gage reading is in pounds per square inch (psi), indicate that in column.

If gage is direct reading, the gage reading and depth to water should be the same.

During the last year were water conservation practices requested or imposed?

Yes, because of the limited treatment capacity ___ No X

Yes, because of limited water availability ___

Yes, because ___

Type of restriction Dates Success or Est. amount of savings

NONE

Are there any future plans to increase treatment or supply capacity?

NO

Do you discharge water?

No ___

Yes, to a municipal wastewater treatment system X

Yes, to a stream or other surface water body ___

Yes, to a septic system ___

Yes, to X Metropolitan Water Reclamation District

System name Village of Bensenville

Your NPDES permit# _____



Illinois State Water Survey

Hydrology Division

2204 Griffith Drive

Champaign, Illinois 61820-7495

Telephone (217) 333-0239

We have records of the following wells/intakes.
Please correct inaccuracies and add missing information on this form.
Enter your water level information on back, if available.

WELL# OR SURFACE INTAKE#	STATUS	TWP RNG SEC	DEPTH	GALLONS PUMPED	
				MAX DAILY	TOTAL ANNUAL
9	Emergency	41N 11E 27.3F	1403		00
10	Unused	41N 10E 36.8B	97		-
11	Emergency	41N 10E 36.8B	1367		00
12	Sealed	41N 10E 36.7H	1352		-
13	Emergency	41N 10E 35.2D	75		00
14	Emergency	41N 11E 31.3A	1390		00

During the last year have any of your wells had treatment or rehabilitation work to restore capacity, like surging, jetting, acidizing, shock chlorination, etc.?

Yes ___ No ___ if yes, please list which well numbers and type of treatments.

If there was a change from last year, please provide a copy of your water rate schedule and a map of your service area.

Well No.	Airline* Length	WATER LEVELS							
		Water Level Date	Nonpumping			Pumping			
			Hours Off	Gage** reading (ft)	Depth to water (ft)	Hours on	Gage** reading	Depth to water (ft)	Pumping rate (gpm)
9	1040'	5-14-91	30 day	325	175	4.0	250	790	1020
10	Out of service								
11	1086	5-7-91	30 day	395	691	3.3	250	836	1323
12	Pulled and plugged								
13	60	5-14-91	30 day	48	18	3.2	28	32	640
14	1150	5-7-91	30 day	432	718	2.8	310	840	1369

* Same as pump setting

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If gage is direct reading, the gage reading and depth to water should be the same.

During the last year were water conservation practices requested or imposed?

Yes, because of the limited treatment capacity ___ No ___

Yes, because of limited water availability ___

Yes, because ___

Type of restriction Dates Success or Est. amount of savings

Are there any future plans to increase treatment or supply capacity?

Do you discharge water?

No ___

Yes, to a municipal wastewater treatment system ___

Yes, to a stream or other surface water body ___

Yes, to a septic system ___

Yes, to ___

System name _____

Your NPDES permit# _____

1991 ILLINOIS WATER INVENTORY PROGRAM

Illinois State Water Survey

SWS**COPY**

We have records of the following wells/intakes.
Please correct inaccuracies and add missing information on this form.
Enter your water level information on back, if available.

MAIL FILE
ADDR CHECK
DATA ENTRY
CHECKED BY
ESTIMATE
PHONE DATA

Hydrology Division

2204 Griffith Drive

Champaign, Illinois 61820-7495

Telephone (217) 333-0239

04390500 ITASCA

~~04390500 ITASCA~~~~WATER SUPT~~

WATER SUPT

VILL HALL, 100 N WALNUT STREET

ITASCA IL 60143

SIC Code: 4941

Name of person to contact:

JOHN KINDERMANN

Title: Superintendent

Phone: (708)773-5571

WELL# OR SURFACE INTAKE#	STATUS	TWP RNG SEC	DEPTH	GALLONS PUMPED MAX DAILY	TOTAL ANNUAL
1	Sealed	40N 11E 08.8E	200		
2	Sealed	40N 11E 08.8E	184		
3	In Use	40N 11E 08.6E	200	58 MG	69,743 MG
4	Sealed	40N 11E 08.7D	233		
5	In Use	40N 11E 08.6C	190	.695 MG.	199,825 MG
6	Capped	40N 11E 08.5E	181		
7	Capped	40N 10E 01.3B	219		
8	In Use	40N 10E 12.4H	115	1.01 MG.	136,455 MG.

1. 1991 Total self-supplied pumpage

Gallons Gallons purchased Name of your supplier 2. Do you sell water to another public water supply system? Yes No XX3. Estimate population directly served inside corporate limits 7129
(retail)outside corporate limits None4. Number of residential services: 1756Annual gallons: 228.94 MG. 52%5. Number of commercial services: 59
(non-manufacturing)Annual gallons: 39.62 MG. 9%6. Number of industrial services: 240
(manufacturing)Annual gallons: 171.70 MG. 39%**ENR**

A Division of the

Illinois Department of Energy and Natural Resources

During the last year have any of your wells had treatment or rehabilitation work to restore capacity, like surging, jetting, acidizing, shock chlorination, etc.?

Yes No XX If yes, please list which well numbers and type of treatments.

If there was a change from last year; please provide a copy of your water rate schedule and a map of your service area.

Well No.	Airline* Length	WATER LEVELS							
		Water Level Date	Nonpumping			Pumping			
			Hours Off	Gage** reading (ft)	Depth to water (ft)	Hours on	Gage** reading	Depth to water (ft)	Pumping rate (gpm)
3	90			49	41		23	67	500
5	160			68	92		88	72	500
8	95			32	63		0	95	750
9	83			32	51		1	82	345

* Same as pump setting

** If gage reading is in pounds per square inch (psi), indicates that in column.

If gage is direct reading, the gage reading and depth to water should be the same.

During the last year were water conservation practices requested or imposed?

Yes, because of the limited treatment capacity No

Yes, because of limited water availability

Yes, because hot/dry summer

Type of restriction Dates Success or Est. amount of savings

Are there any future plans to increase treatment or supply capacity?

Yes; connect to DuPage Water Commission Supply in 1992.

Do you discharge water?

No

Yes, to a municipal wastewater treatment system X

Yes, to a stream or other surface water body

Yes, to a septic system

Yes, to

System name Itasca Wastewater Tr
 Your NPDES permit atment Plant
 NPDES PERMIT IL0026280



Illinois State Water Survey

Hydrology Division

2204 Griffith Drive

Champaign, Illinois 61820-7495

Telephone (217) 333-0239

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Enter your water level information on back, if available.

WELL# OR SURFACE INTAKE#	STATUS	TWP RNG SEC	DEPTH	GALLONS PUMPED	
				MAX DAILY	TOTAL ANNUAL
9	In Use	40N 11E 07.5G	105	536	34,253 MG.



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Illinois Department of Energy and Natural Resources

During the last year have any of your wells had treatment or rehabilitation work to restore capacity, like surging, jetting, acidizing, shock chlorination, etc.?

Yes ___ No ___ If yes, please list which well numbers and type of treatments.

If there was a change from last year; please provide a copy of your water rate schedule and a map of your service area.

Well No.	Airline* Length	WATER LEVELS							
		Water Level Date	Nocpumping			Pumping			
			Hours Off	Gage** reading (ft)	Depth to water (ft)	Hours on	Gage** reading	Depth to water (ft)	Pumping rate (gpm)

* Same as pump setting

** If gage reading is in pounds per square inch (psi), indicate that in column.

If gage is direct reading, the gage reading and depth to water should be the same.

During the last year were water conservation practices requested or imposed?

Yes, because of the limited treatment capacity ___ No ___

Yes, because of limited water availability _____

Yes, because _____

Type of restriction Dates Success or Est. amount of savings

Are there any future plans to increase treatment or supply capacity?

Do you discharge water?

No ___

Yes, to a municipal wastewater treatment system ___

Yes, to a stream or other surface water body ___

Yes, to a septic system ___

Yes, to _____

System name _____

Your NPDES permit# _____

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1991 ILLINOIS WATER INVENTORY PROGRAM

Illinois State Water Survey



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DATA ENTRY ☐

CHECKED BY ☐

ESTIMATE ☐

PHONE DATA ☐

Hydrology Division

2204 Griffith Drive

Champaign, Illinois 61820-7495

Telephone (217) 333-0239

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Enter your water level information on back, if available.

04391200 WOOD DALE
MARIO P GROSSI JR
SUPERVISOR
404 N WOOD DALE ROAD
WOOD DALE IL 60191

SIC Code: 4941

Name of person to contact:

Mario Grossi, Jr.

Title: Supervisor

Phone: (708)766-4900

WELL# OR SURFACE INTAKE#	STATUS	TWP RNG SEC	DEPTH	GALLONS PUMPED	
				MAX DAILY	TOTAL ANNUAL
1	In Use	40N 11E 16.3E	260	261,500	30,204,300
2	In Use	40N 11E 09.3A	245	285,600	27,942,700
3	In Use	40N 11E 16.7F	240	688,800	71,095,600
5 #4	In Use	40N 11E 10.4H	1400	884,900	148,327,700
6	In Use	40N 11E 17.2F	190	988,000	109,212,000
7	In Use	40N 11E 16.6G	1356	1,263,000	105,192,000

1. 1991 Total self-supplied pumpage

Gallons 536,974,300

Gallons purchased -0-

Name of your supplier NA

2. Do you sell water to another public water supply system? Yes ___ No X

3. Estimate population directly served inside corporate limits 12,425
(retail)

outside corporate limits -0-

4. Number of residential services: 3,389

Annual gallons: 328,997,000

5. Number of commercial services: 173
(non-manufacturing)

Annual gallons: 39,148,000

6. Number of industrial services: 311
(manufacturing)

Annual gallons: 103,175,000

NOTE: IDOT Annual Water Use Audit
October 1990 - September 1991

During the last year have any of your wells had treatment or rehabilitation work to restore capacity, like surging, jetting, acidifying, shock chlorination, etc.?

Yes ☐ No ☒ If yes, please list which well numbers and type of treatment.

If there was a change from last year, please provide a copy of your water rate schedule and a map of your service area.

Well No.	Airline* Length	WATER LEVELS							
		Water Level Date	Nonpumping			Pumping			
			Hours Off	Gage** reading (ft)	Depth to water (ft)	Hours on	Gage** reading	Depth to water (ft)	Pumping rate (gpm)
1	180'	7-23-91	15.5	138'	42'	8.5	80'	100'	208
2	170'	7-23-91	16.1	130'	40'	7.9	101'	69'	205
3	170'	7-23-91	13.9	106'	64'	10.1	85'	85'	450
5	1,050'	7-24-91	10.0	260'	790'	14.0	175'	875'	860
6	100'	7-23-91	14.6	39'	61'	9.4	25'	75'	950
7	1,085'	7-23-91	16.1	345'	740'	7.9	175'	910'	1140

* Same as pump setting

** If gage reading is in pounds per square inch (psi), indicate that in column.

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During the last year were water conservation practices requested or imposed?

Yes, because of the limited treatment capacity ☐ No ☒

Yes, because of limited water availability ☐

Yes, because Water Conservation

Type of restriction Dates Success or Est. amount of savings

Lawn sprinkling May-Dec 75,000GPD
Ordinance

Are there any future plans to increase treatment or supply capacity?

Du Page Water Commission - Lake Michigan Water Supply

Do you discharge water?

No ☒

Yes, to a municipal wastewater treatment system ☐

Yes, to a stream or other surface water body ☐

Yes, to a septic system ☐

Yes, to ☐

System name ☐

Your NPDES permit# ☐